ELIUM

Operating Instructions

ELIPSUS CI

ELIPSUS DVR

We thank you for your confidence in our product and congratulate you to the purchase of your Digital Receiver of ELIUM GmbH.

As this product is provided with an immense array of features, we recommend that before you begin hookup and operating that you review the contents of this manual before proceeding.

The following devices of Digital Receivers of ELIUM GmbH are described in this Operating Instructions:

- Elipsus CI 230 S YUV (for digital Satellite receiving DVB-S)
- Elipsus CI 230 C YUV (for digital Cable receiving DVB-C)
- Elipsus CI 230 T YUV (for digital Terrestrial receiving DVB-T)

- Elipsus CI 240 S DVI (for digital Satellite receiving DVB-S)
- Elipsus CI 240 C DVI (for digital Cable receiving DVB-S)
- Elipsus CI 240 T DVI (for digital Terrestrial receiving DVB-T)

- Elipsus CI 250 S SDI (for digital Satellite receiving DVB-S)
- Elipsus CI 250 C SDI (for digital Cable receiving DVB-C)
- Elipsus CI 250 T SDI (for digital Terrestrial receiving DVB-T)

- Elipsus DVR 3208 S (for digital Satellite receiving DVB-S)
- Elipsus DVR 3208 C (for digital Cable receiving DVB-C)
- Elipsus DVR 3208 T (for digital Terrestrial receiving DVB-T)

- Elipsus DVR 3218 S YUV (for digital Satellite receiving DVB-S)
- Elipsus DVR 3218 C YUV (for digital Cable receiving DVB-C)
- Elipsus DVR 3218 T YUV (for digital Terrestrial receiving DVB-T)

- Elipsus DVR 3228 S DVI (for digital Satellite receiving DVB-S)
- Elipsus DVR 3228 C DVI (for digital Cable receiving DVB-S)
- Elipsus DVR 3228 T DVI (for digital Terrestrial receiving DVB-T)

- Elipsus DVR 3238 S SDI (for digital Satellite receiving DVB-S)
- Elipsus DVR 3238 C SDI (for digital Cable receiving DVB-C)
- Elipsus DVR 3238 T SDI (for digital Terrestrial receiving DVB-T)

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DVB™ is a registered trade mark of DVB Digital Video Broadcasting Projekt (1761).

Table of contents

1. Information

1.1 Accessories 3
1.2 Datasheets 4
1.3 Safety Regulations 11
1.4 Equipment 13
1.4.1 Elipsus CI 230 YUV 13
1.4.2 Elipsus CI 240 DVI 14
1.4.3 Elipsus CI 250 SDI 15
1.4.4 Elipsus DVR 3208 16
1.4.5 Elipsus DVR 3218 YUV 17
1.4.6 Elipsus DVR 3228 DVI 18
1.4.7 Elipsus DVR 3238 SDI 19
1.4.8 External Power Supply 20
1.4.9 Remote Control 21

2. Connections

2.1 Connecting to Antenna 22
2.2 Connecting to TV 22
2.3 Connecting to AV Receiver . . . 22
2.4 Connecting to Power 22

3. Installation

3.1 OSD configuration 23
3.2 Antenna only DVB-S 24
3.3 Search for channels DVB-S . . 25
3.4 Search for channels DVB-C . . 26
3.5 Search for channels DVB-T . . 27

4. Menu

4.1 Configuration 28
4.1.1 Edit TV channels 29
4.1.2 Edit Radio channels 31
4.1.3 Search for channels 33
4.2 Configuration 33
4.2.1 Antenna only DVB-S 33
4.2.2 Add Source only DVB-S 34
4.2.3 Positioner 1.2 only DVB-S . . 34
4.2.4 USALS only DVB-S 35
4.3 TV parameter 36
4.4 TV out 37
4.5 Time and Date 38
4.6 User 38
4.6.1 Favourite TV 39
4.6.2 Favourite Radio 39
4.6.3 OSD 39
4.6.4 Password 39
4.6.5 Users management 40
4.6.6 Add new user 40
4.6.7 Delete user 40
4.6.8 TV access rights 41
4.6.9 Radio access rights 41
4.7 Change active user 41
4.8 Access Module 41

5. Channel selection

5.1 Channel selection by list 42
5.2 Channel selection by number . . 42
5.3 Channel selection by name . . . 42

6. Additional function

6.1 Auto Zapping 43
6.2 Zoom function 43
6.3 EPG 44
6.4 Info button 44
6.5 Technical Menu 45

A. Addenda Elipsus DVR Models

DVR Function

A.1.1 Recording 46
A.1.2 Playback of records 47
A.1.3 Different options 47
A.1.4 Marking function 48
A.1.5 Timer function 49

MP3 Player Software

A.2.1 Transfer of MP3 files 50
A.2.2 Playback of MP3 files 50

JPEG Photoalbum Software

A.3.1 Transfer of JPEG files 51
A.3.2 Playback of JPEG files 51

B. Addenda Elipsus YUV Models

B.1.1 Connecting to Display 52
B.1.2 Output parameters 52

C. Addenda Elipsus DVI Models

C.1.1 Connecting to Display 53
C.1.2 Output parameters 53

D. Addenda Elipsus SDI Models

D.1.1 Connecting to Display 54
D.1.2 Output parameters 54

Information

1.1 Accessories

- Digital Receiver Elipsus
- Remote Control
- Batteries
- External Power Supply
- Power Supply Cord
- Operating Instructions

1.2 Datasheets

Elipsus	CI 230 S YUV	CI 230 C YUV	CI 230 T YUV
Tuner	DVB-S	DVB-C	DVB-T
Frequency Range	950 - 2120 MHz	47 - 862 MHz	
Input Resistance	75 Ohm		
Input Connector	F-Typ Jack	Antenna Jack	
Input Symbol Rate	1 - 45 MS/s	4 - 7 MS/s	
Modulation	QPSK	QAM 16 - 256	COFDM QAM 16, 64
Show Signalquality	Yes		
Loop through Output	Yes		
LNB Power	13V / 18V, 500 mA	-	-
DiSEqC Version	1.0 / 2.0	-	-
Positioner	DiSEqC1.2 / USALS	-	-
Channel Memory	3600 TV / 1800 Radio		
User	max. 16		
OSD: Languages	German, English, Italian		
Teletext	Generated or looped through to TV		
Timer	max. 20		
EPG	By Channel / Transponder		
CI / CA	2 Common Interface Slots		Free To Air
Software Update	RS232 via USB Adapter		
Parental Control	By User Accounts		
Other Features	Grafics Display 100 x 100 Pixel, Timer, EPG for whole week Auto Zapping, Zoom Function Volume memory for each channel		
Video Output	Scart: RGB, S-Video, CVBS Output		
YUV Output	YUV (Y/Pb/Pr) Progressive		
Resolution	576p 50 Hz · 720p 50 Hz · 720p 60 Hz		
Video Decoder	MPEG1, MPEG2, MP@ML		
Video Format	4:3 and16:9		
Audio Output	L + R Analog in Scart, Digital Audio Coax: Stereo PCM, AC-3		
Audio Decoder	MPEG1, MPEG2 Layer I, II, MP3		
Bitstream out	Dolby Digital 2.0 and 5.1		
RS232 Interface	via USB Adapter		
USB Input Port	Yes		
Mains Switch	Power Jack		
Input Voltage	DC 12V / 3A, AC 100 - 240V		
Power Consumption	6 W / 11,5 W		
Measure (W, D, H)	215 x 245 x 75 mm		
Weight	1,80 kg		

1.2 Datasheets

Elipsus	CI 240 S DVI	CI 240 C DVI	CI 240 T DVI
Tuner	DVB-S	DVB-C	DVB-T
Frequency Range	950 - 2120 MHz	47 - 862 MHz	
Input Resistance	75 Ohm		
Input Connector	F-Typ Jack	Antenna Jack	
Input Symbol Rate	1 - 45 MS/s	4 - 7 MS/s	
Modulation	QPSK	QAM 16 - 256	COFDM QAM 16, 64
Show Signalquality	Yes		
Loop through Output	Yes		
LNB Power	13V / 18V, 500 mA	-	-
DiSEqC Version	1.0 / 2.0	-	-
Positioner	DiSEqC1.2 / USALS	-	-
Channel Memory	3600 TV / 1800 Radio		
User	max. 16		
OSD: Languages	German, English, Italian		
Teletext	Generated or looped through to TV		
Timer	max. 20		
EPG	By Channel / Transponder		
CI / CA	2 Common Interface Slots		Free To Air
Software Update	RS232 via USB Adapter		
Parental Control	By User Accounts		
Other Features	Grafics Display 100 x 100 Pixel, Timer, EPG for whole week Auto Zapping, Zoom Function Volume memory for each channel		
Video Output	Scart: RGB, S-Video, CVBS Output		
DVI Connecting	DVI-I (24+5) Progressive		
Resolution	576p 50 Hz · 720p 50 Hz · 720p 60 Hz · SVGA · XGA		
Video Decoder	MPEG1, MPEG2, MP@ML		
Video Format	4:3 and 16:9		
Audio Output	L + R Analog in Scart, Digital Audio Coax: Stereo PCM, AC-3		
Audio Decoder	MPEG1, MPEG2 Layer I, II, MP3		
Bitstream out	Dolby Digital 2.0 and 5.1		
RS232 Interface	via USB Adapter		
USB Input Port	Yes		
Mains Switch	Power Jack		
Input Voltage	DC 12V / 3A, AC 100 - 240V		
Power Consumption	6 W / 11,5 W		
Measure (W, D, H)	215 x 245 x 75 mm		
Weight	1,80 kg		

1.2 Datasheets

Elipsus	CI 250 S SDI	CI 250 C SDI	CI 250 T SDI
Tuner	DVB-S	DVB-C	DVB-T
Frequency Range	950 - 2120 MHz	47 - 862 MHz	
Input Resistance	75 Ohm		
Input Connector	F-Typ Jack	Antenna Jack	
Input Symbol Rate	1 - 45 MS/s	4 - 7 MS/s	
Modulation	QPSK	QAM 16 - 256	COFDM QAM 16, 64
Show Signalquality	Yes		
Loop through Output	Yes		
LNB Power	13V / 18V, 500 mA	-	-
DiSEqC Version	1.0 / 2.0	-	-
Positioner	DiSEqC1.2 / USALS	-	-
Channel Memory	3600 TV / 1800 Radio		
User	max. 16		
OSD: Languages	German, English, Italian		
Teletext	Generated or looped through to TV		
Timer	max. 20		
EPG	By Channel / Transponder		
CI / CA	2 Common Interface Slots		Free To Air
Software Update	RS232 via USB Adapter		
Parental Control	By User Accounts		
Other Features	Grafics Display 100 x 100 Pixel, Timer, EPG for whole week Auto Zapping, Zoom Function Volume memory for each channel		
Video Output	Scart: RGB, S-Video, CVBS Output		
SDI Connecting	SDI (BNC) Interlace		
Resolution	576i 50 Hz		
Normen	SMPTE 259M ITU-R BT 656		
Video Decoder	MPEG1, MPEG2, MP@ML		
Video Format	4:3 and 16:9		
Audio Output	L + R Analog in Scart, Digital Audio Coax: Stereo PCM, AC-3		
Audio Decoder	MPEG1, MPEG2 Layer I, II, MP3		
Bitstream out	Dolby Digital 2.0 and 5.1		
RS232 Interface	via USB Adapter		
USB Input Port	Yes		
Mains Switch	Power Jack		
Input Voltage	DC 12V / 3A, AC 100 - 240V		
Power Consumption	6 W / 11,5 W		
Measure (W, D, H)	215 x 245 x 75 mm		
Weight	1,80 kg		

1.2 Datasheets

Elipsus	DVR 3208 S	DVR 3208 C	DVR 3208 T
Tuner	DVB-S	DVB-C	DVB-T
Frequency Range	950 - 2120 MHz	47 - 862 MHz	
Input Resistance	75 Ohm		
Input Connector	F-Typ Jack	Antenna Jack	
Inputs-Datenrate	1 - 45 MS/s	4 - 7 MS/s	
Modulation	QPSK	QAM 16 - 256	COFDM QAM 16, 64
Show Signalquality	Yes		
Durchschleif-Output	Yes		
LNB-Steuerung	13V / 18V, 500 mA	-	-
DiSEqC Version	1.0 / 2.0	-	-
Positioner	DiSEqC1.2 / USALS	-	-
Channel Memory	3600 TV / 1800 Radio		
User	max. 16		
OSD: Languages	German, English, Italian		
Teletext	Generated or looped through to TV		
Timer	max. 20		
EPG	By Channel / Transponder		
CI / CA	2 Common Interface Slots		Free To Air
Festplatte	120 GB		
Software Update	RS232 via USB Adapter		
Parental Control	By User Accounts		
Other Features	Grafics Display 100 x 100 Pixel, Timer, EPG for whole week Auto Zapping, Zoom Function, Timeshifting Volume memory for each channel, Slow Motion, Marking Function		
MP3 Software	Yes		
JPEG Software	Yes		
Video Output	Scart 1: RGB, S-Video, CVBS Output / CVBS Input		
Video Output	Scart 2: S-Video, CVBS Output / CVBS Input		
Video Decoder	MPEG1, MPEG2, MP@ML, JPEG		
Video Format	4:3 and 16:9		
Audio Output	L + R Analog in SCART, Digital Audio Coax: Stereo PCM, AC-3		
Audio Decoder	MPEG1, MPEG2 Layer I, II, MP3		
Bitstream out	Dolby Digital 2.0 and 5.1		
RS232 Interface	via USB Adapter		
USB Input Port	Yes		
Mains Switch	Power Jack		
Input Voltage	DC 12V / 3A, AC 100 - 240V		
Power Consumption	6 W / 11,5 W		
Measure (W, D, H)	215 x 245 x 75 mm		
Weight	2,20 kg		

1.2 Datasheets

Elipsus	DVR 3218 S YUV	DVR 3218 C YUV	DVR 3218 T YUV
Tuner	DVB-S	DVB-C	DVB-T
Frequency Range	950 - 2120 MHz	47 - 862 MHz	
Input Resistance	75 Ohm		
Input Connector	F-Typ Jack	Antenna Jack	
Input Symbol Rate	1 - 45 MS/s	4 - 7 MS/s	
Modulation	QPSK	QAM 16 - 256	COFDM QAM 16, 64
Show Signalquality	Yes		
Loop through Output	Yes		
LNB Power	13V / 18V, 500 mA	-	-
DiSEqC Version	1.0 / 2.0	-	-
Positioner	DiSEqC1.2 / USALS	-	-
Channel Memory	3600 TV / 1800 Radio		
User	max. 16		
OSD: Languages	German, English, Italian		
Teletext	Generated or looped through to TV		
Timer	max. 20		
EPG	By Channel / Transponder		
CI / CA	2 Common Interface Slots		Free To Air
Festplatte	120 GB		
Software Update	RS232 via USB Adapter		
Parental Control	By User Accounts		
Other Features	Grafics Display 100 x 100 Pixel, Timer, EPG for whole week Auto Zapping, Zoom Function, Timeshifting Volume memory for each channel, Slow Motion, Marking Function		
MP3 Software	Yes		
JPEG Software	Yes		
Video Output	Scart: RGB, S-Video, CVBS Output		
YUV Output	YUV (Y/Pb/Pr) Progressive		
Resolution	576p 50 Hz · 720p 50 Hz · 720p 60 Hz		
Video Decoder	MPEG1, MPEG2, MP@ML		
Video Format	4:3 and 16:9		
Audio Output	L + R Analog in Scart, Digital Audio Coax: Stereo PCM, AC-3		
Audio Decoder	MPEG1, MPEG2 Layer I, II, MP3		
Bitstream out	Dolby Digital 2.0 and 5.1		
RS232 Interface	via USB Adapter		
USB Input Port	Yes		
Mains Switch	Power Jack		
Input Voltage	DC 12V / 3A, AC 100 - 240V		
Power Consumption	6 W / 11,5 W		
Measure (W, D, H)	215 x 245 x 75 mm		
Weight	2,30 kg		

1.2 Datasheets

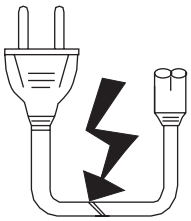
Elipsus	DVR 3228 S DVI	DVR 3228 C DVI	DVR 3228 T DVI
Tuner	DVB-S	DVB-C	DVB-T
Frequency Range	950 - 2120 MHz	47 - 862 MHz	
Input Resistance	75 Ohm		
Input Connector	F-Typ Jack	Antenna Jack	
Input Symbol Rate	1 - 45 MS/s	4 - 7 MS/s	
Modulation	QPSK	QAM 16 - 256	COFDM QAM 16, 64
Show Signalquality	Yes		
Loop through Output	Yes		
LNB Power	13V / 18V, 500 mA	-	-
DiSEqC Version	1.0 / 2.0	-	-
Positioner	DiSEqC1.2 / USALS	-	-
Channel Memory	3600 TV / 1800 Radio		
User	max. 16		
OSD: Languages	German, English, Italian		
Teletext	Generated or looped through to TV		
Timer	max. 20		
EPG	By Channel / Transponder		
CI / CA	2 Common Interface Slots		Free To Air
Festplatte	120 GB		
Software Update	RS232 via USB Adapter		
Parental Control	By User Accounts		
Other Features	Grafics Display 100 x 100 Pixel, Timer, EPG for whole week Auto Zapping, Zoom Function, Timeshifting Volume memory for each channel, Slow Motion, Marking Function		
MP3 Software	Yes		
JPEG Software	Yes		
Video Output	Scart: RGB, S-Video, CVBS Output		
DVI Connecting	DVI-I (24+5) Progressive		
Resolution	576p 50 Hz · 720p 50 Hz · 720p 60 Hz · SVGA · XGA		
Video Decoder	MPEG1, MPEG2, MP@ML		
Video Format	4:3 and 16:9		
Audio Output	L + R Analog in Scart, Digital Audio Coax: Stereo PCM, AC-3		
Audio Decoder	MPEG1, MPEG2 Layer I, II, MP3		
Bitstream out	Dolby Digital 2.0 and 5.1		
RS232 Interface	via USB Adapter		
USB Input Port	Yes		
Mains Switch	Power Jack		
Input Voltage	DC 12V / 3A, AC 100 - 240V		
Power Consumption	6 W / 11,5 W		
Measure (W, D, H)	215 x 245 x 75 mm		
Weight	2,30 kg		

1.2 Datasheets

Elipsus	DVR 3238 S SDI	DVR 3238 C SDI	DVR 3238 T SDI
Tuner	DVB-S	DVB-C	DVB-T
Frequency Range	950 - 2120 MHz	47 - 862 MHz	
Input Resistance	75 Ohm		
Input Connector	F-Typ Jack	Antenna Jack	
Input Symbol Rate	1 - 45 MS/s	4 - 7 MS/s	
Modulation	QPSK	QAM 16 - 256	COFDM QAM 16, 64
Show Signalquality	Yes		
Loop through Output	Yes		
LNB Power	13V / 18V, 500 mA	-	-
DiSEqC Version	1.0 / 2.0	-	-
Positioner	DiSEqC1.2 / USALS	-	-
Channel Memory	3600 TV / 1800 Radio		
User	max. 16		
OSD: Languages	German, English, Italian		
Teletext	Generated or looped through to TV		
Timer	max. 20		
EPG	By Channel / Transponder		
CI / CA	2 Common Interface Slots		Free To Air
Festplatte	120 GB		
Software Update	RS232 via USB Adapter		
Parental Control	By User Accounts		
Other Features	Grafics Display 100 x 100 Pixel, Timer, EPG for whole week Auto Zapping, Zoom Function, Timeshifting Volume memory for each channel, Slow Motion, Marking Function		
MP3 Software	Yes		
JPEG Software	Yes		
Video Output	Scart: RGB, S-Video, CVBS Output		
SDI Connecting	SDI (BNC) Interlace		
Resolution	576i 50 Hz		
Normen	SMPTE 259M ITU-R BT 656		
Video Decoder	MPEG1, MPEG2, MP@ML		
Video Format	4:3 and 16:9		
Audio Output	L + R Analog in Scart, Digital Audio Coax: Stereo PCM, AC-3		
Audio Decoder	MPEG1, MPEG2 Layer I, II, MP3		
Bitstream out	Dolby Digital 2.0 and 5.1		
RS232 Interface	via USB Adapter		
USB Input Port	Yes		
Mains Switch	Power Jack		
Input Voltage	DC 12V / 3A, AC 100 - 240V		
Power Consumption	6 W / 11,5 W		
Measure (W, D, H)	215 x 245 x 75 mm		
Weight	2,30 kg		

1.3 Safety Regulations

Pay attention to the following before using this unit. To be sure read these instructions carefully and use the set properly. Be sure to keep this manual for future reference, should any question or problem arise.

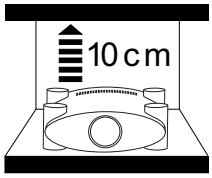


Power Cord
Handle the Power Cord carefully. Hold the plug when unplugging the cord. Do not use damaged Power Cord. Do not plug the Power Cord until all connections have be completed.

Input Voltage
Use only at Voltage of 85 - 240V.

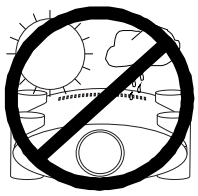
Playing childs
Pay attention that nobody let foreign objects in the ventilation openings. That risks of electric shock.

Ventilation
Avoid high temperatures. Allow for sufficient heat dispersion when installed on a rack. Do not obstruct the ventilation openings. The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains or other electrical devices. For heat dispersal, leave at least 10 cm of space between the top back and sides of this unit and the wall or other components.



Opening the unit
Do not open the unit or try to disassemble or modify the unit in any way. That risks of electric shock. No user serviceable parts inside. Refer servicing to qualified service personnel. No liability for electric shock to persons or accidant damage of user when cover of unit was removed or opend.

Insolation
Do not install the unit near heat sources which is radiator, fan heater or stove heating. Do not let in direct insolation. Keep care that the unit is not used bei low temperature. The ideal temperature is between 10°C – 45°C.



Moisture
Keep the unit free from moisture, water and dust. The unit should not be used in moist rooms, wet rooms or near a bath. The ideal humidity is between 10% – 70%.

1.3 Safety Regulations

Cleaning
Before cleaning the Power Cord must be unplugged. Use only a dry and clean cloth. Do not let insecticides, benzine, thinner or strong detergents come in contact with the unit.

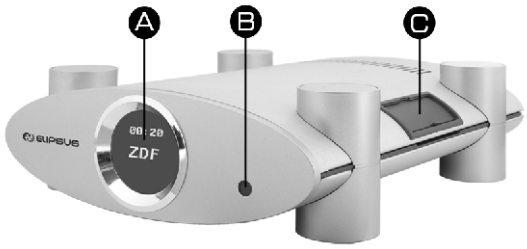
Longer absence
Unplug the Power Cord when not using the unit for long periods of time. Also unplug the Antenna from input.

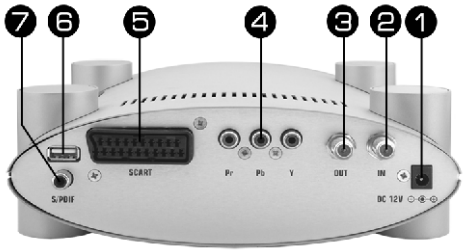
Earthing
The Parabol Satellite Antenna must be earthed. Please observe the relevant regulations.

1.4.1 Equipment

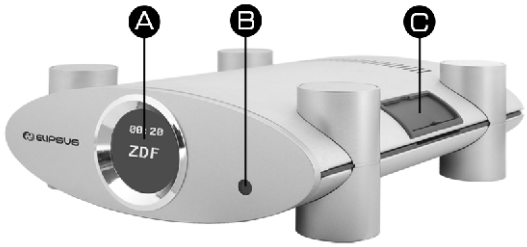
The Equipment of Elipsus CI 230 YUV.

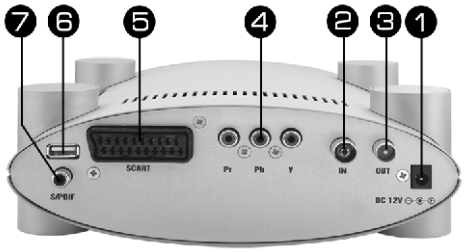
Reception by DVB-S



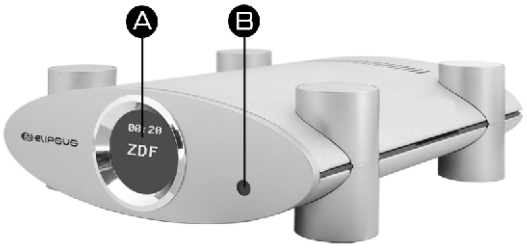


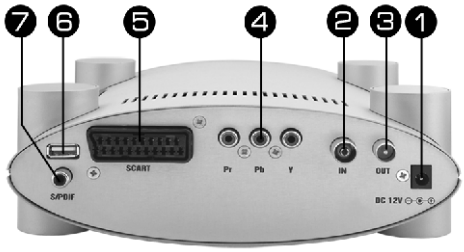
Reception by DVB-C





Reception by DVB-T





Legend

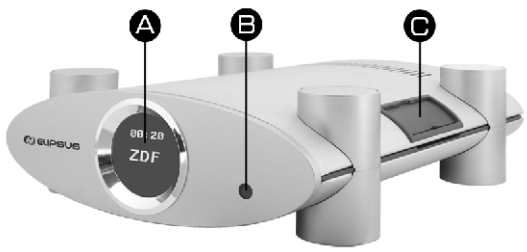
A - Grafics Display
B - Infra-red receiver
C - Common Interface Slots

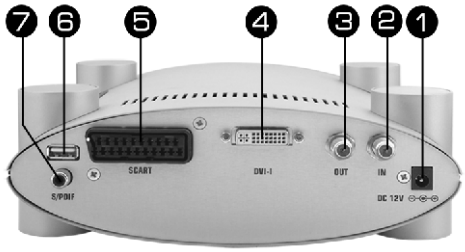
1 - 12V Power Jack
2 - Antenna Input
3 - Antenna Output
4 - YUV Output
5 - Scart Output
6 - USB Input Port
7 - SPDIF AC3 Output

1.4.2 Equipment

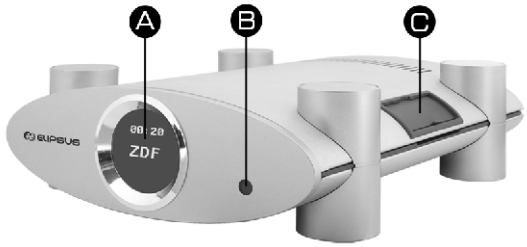
The Equipment of Elipsus CI 240 DVI.

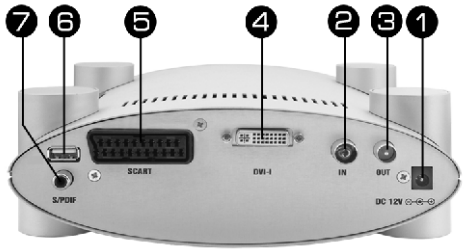
Reception by DVB-S



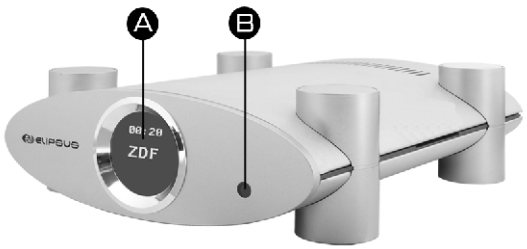


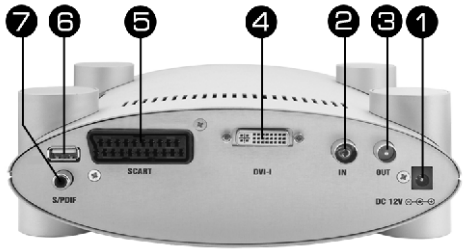
Reception by DVB-C





Reception by DVB-T





Legend

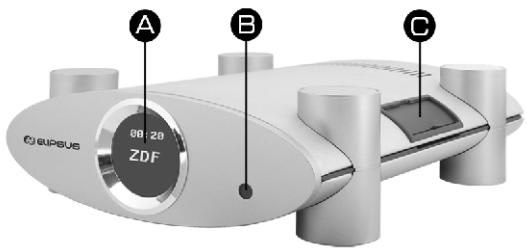
A - Grafics Display
B - Infra-red receiver
C - Common Interface Slots

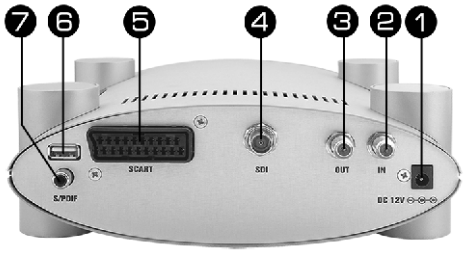
1 - 12V Power Jack
2 - Antenna Input
3 - Antenna Output
4 - DVI Output
5 - Scart Output
6 - USB Input Port
7 - SPDIF AC3 Output

1.4.3 Equipment

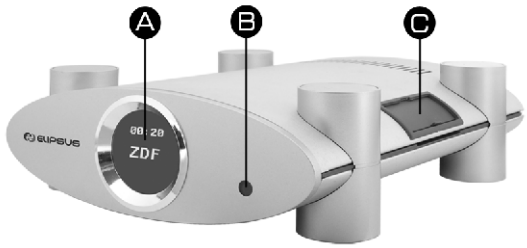
The Equipment of Elipsus CI 250 SDI.

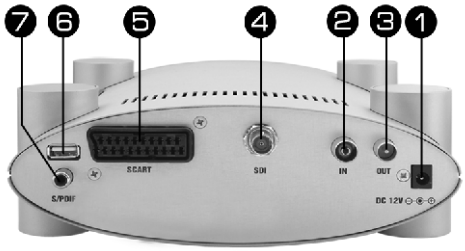
Reception by DVB-S



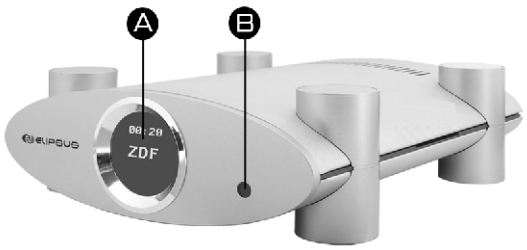


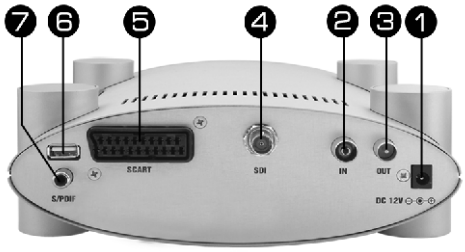
Reception by DVB-C





Reception by DVB-T





Legend

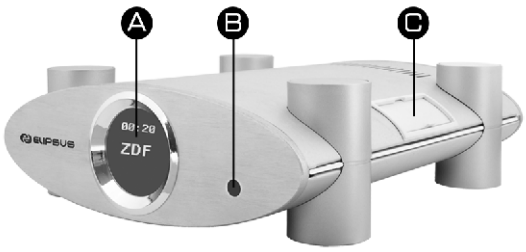
A - Grafics Display
B - Infra-red receiver
C - Common Interface Slots

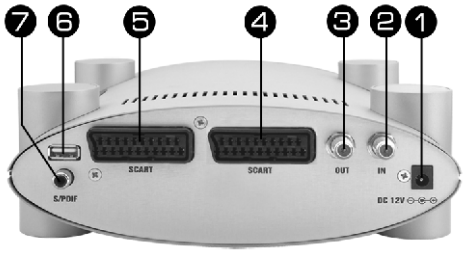
1 - 12V Power Jack
2 - Antenna Input
3 - Antenna Output
4 - SDI Output
5 - Scart Output
6 - USB Input Port
7 - SPDIF AC3 Output

1.4.4 Equipment

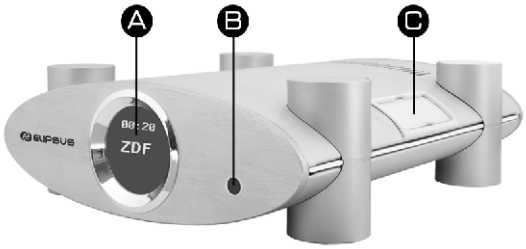
The Equipment of Elipsus DVR 3208.

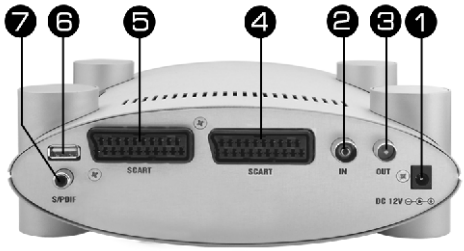
Reception by DVB-S



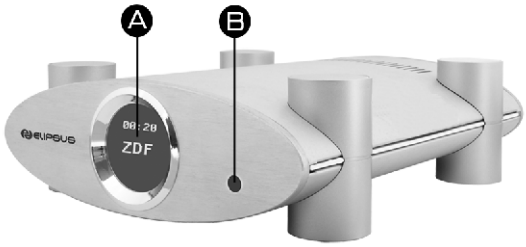


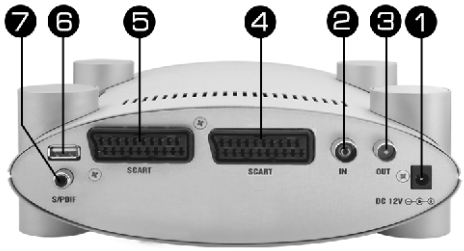
Reception by DVB-C





Reception by DVB-T





Legend

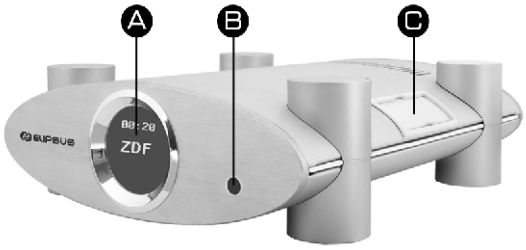
A - Grafics Display
B - Infra-red receiver
C - Common Interface Slots

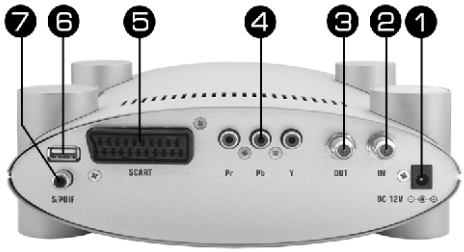
1 - 12V Power Jack
2 - Antenna Input
3 - Antenna Output
4 - Scart Output
5 - Scart Output
6 - USB Input Port
7 - SPDIF AC3 Output

1.4.5 Equipment

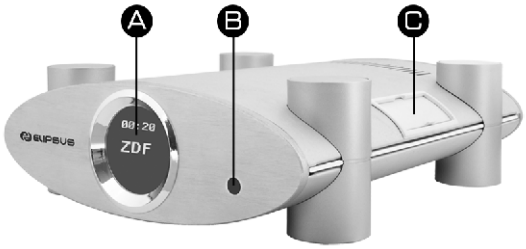
The Equipment of Elipsus DVR 3218 YUV.

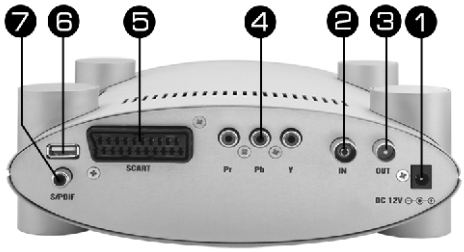
Reception by DVB-S



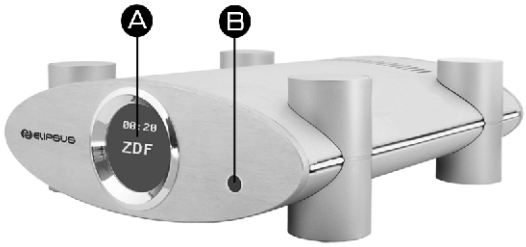


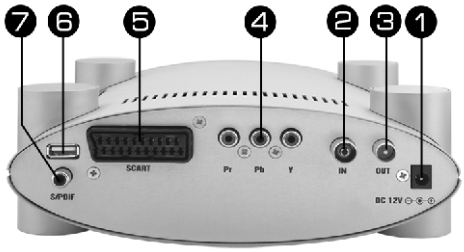
Reception by DVB-C





Reception by DVB-T





Legend

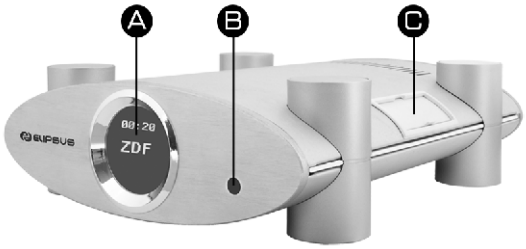
A - Grafics Display
B - Infra-red receiver
C - Common Interface Slots

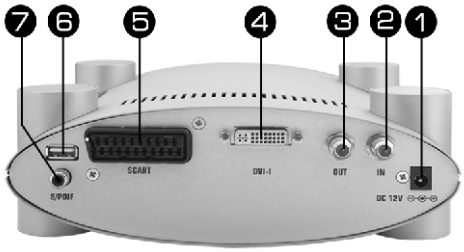
1 - 12V Power Jack
2 - Antenna Input
3 - Antenna Output
4 - YUV Output
5 - Scart Output
6 - USB Input Port
7 - SPDIF AC3 Output

1.4.6 Equipment

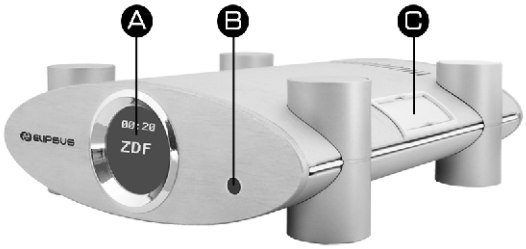
The Equipment of Elipsus DVR 3228 DVI.

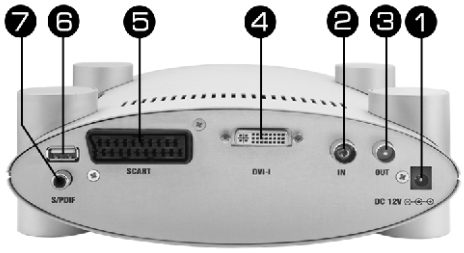
Reception by DVB-S



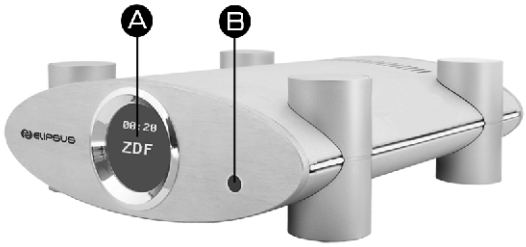


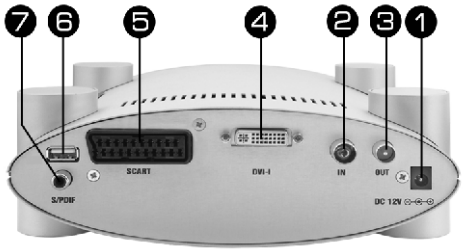
Reception by DVB-C





Reception by DVB-T





Legend

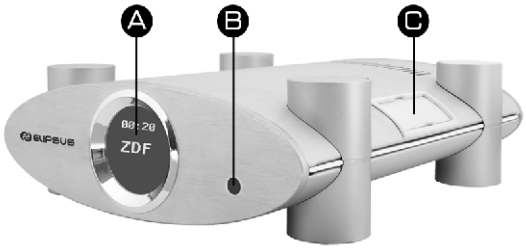
A - Grafics Display
B - Infra-red receiver
C - Common Interface Slots

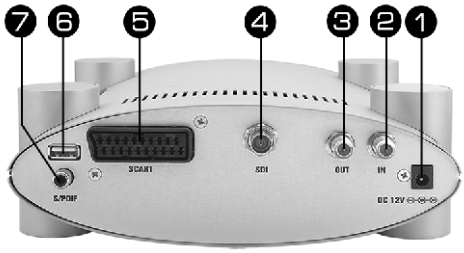
1 - 12V Power Jack
2 - Antenna Input
3 - Antenna Output
4 - DVI Output
5 - Scart Output
6 - USB Input Port
7 - SPDIF AC3 Output

1.4.7 Equipment

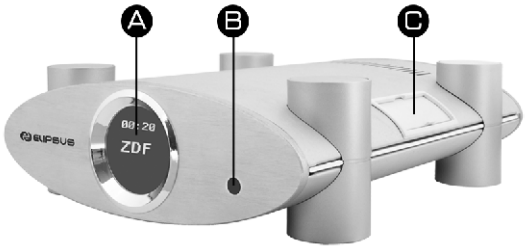
The Equipment of Elipsus DVR 3238 SDI.

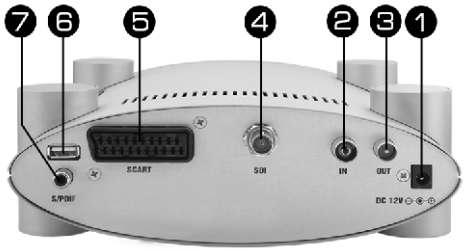
Reception by DVB-S



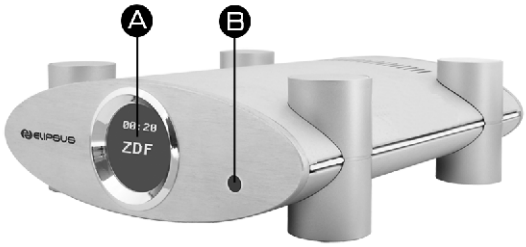


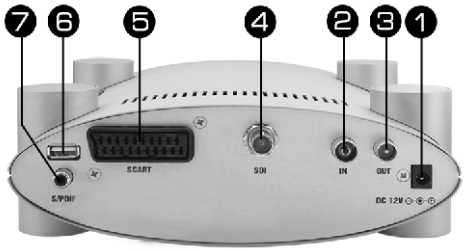
Reception by DVB-C





Reception by DVB-T





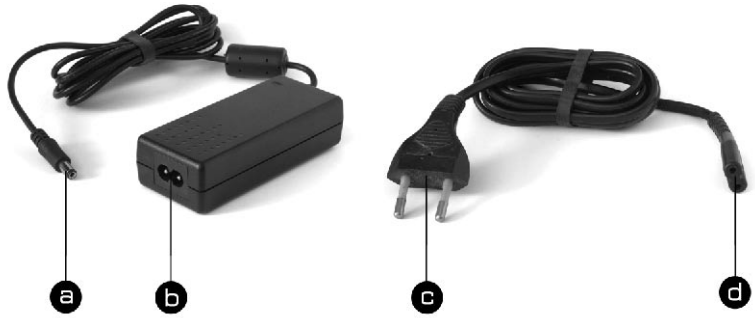
Legend

A - Grafics Display
B - Infra-red receiver
C - Common Interface Slots

1 - 12V Power Jack
2 - Antenna Input
3 - Antenna Output
4 - SDI Output
5 - Scart Output
6 - USB Input Port
7 - SPDIF AC3 Output

1.4.8 Equipment

The Euipment of external 12V Power Supply



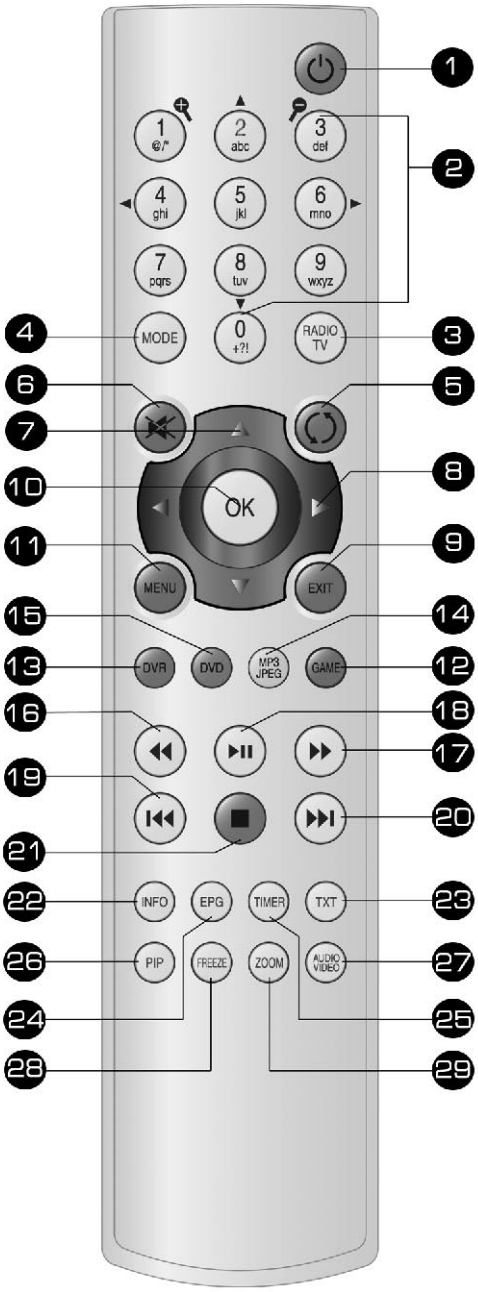
Legend

a - Power Jack
b - AC Cord Jack
c - Power Plug
d - AC Cord Plug

1.4.9 Equipment

The Remote Control enables the interaction with the Elipsus Receiver. Therefore it is very important to know about the main functionality.

1 - On / Off (StandBy)
2 - Direct channel selection or data input in Menu
3 - Switch between TV and Radio mode
4 - Not active
5 - RCL return to last channel
6 - Mute
7 - Up and Down Scroll in channel list or move in Menu
8 - Plus/Minus Volume adjustment or change in Menu
9 - Exit Return to last Menu or stop recording (only DVR)
10 - OK confirm or select
11 - Main Menu or save
12 - Not active
13 - DVR Digital Video Recorder
14 - MP3 and JPEG Menu
15 - Not active
16 - Fast reverse search
17 - Fast forward search
18 - Play / Pause Function
19 - Skip reverse search
20 - Skip forward search
21 - Direct recording
22 - Information
23 - Teletext
24 - EPG
25 - Timer Menu
26 - Not active
27 - Multifeed and Multilanguage
28 - Freeze Picture
29 - Zoom



2.1 Connecting to Antenna

Reception by DVB-S

- To reduce noise or disturbance install the Elipsus as far as possible from other electronic equipment.
- Connect the antenna cable with the antenna input (2).
- If you want to pass through the also received analog signal to an other analog receiver you have to connect the other unit with the antenna output (3).

Reception by DVB-C

- To reduce noise or disturbance install the Elipsus as far as possible from other electronic equipment.
- Connect the antenna cable with the antenna input (2).
- If you want to pass through the also received analog signal to an analog TV tuner you have to connect this other unit with the antenna output (3).

Reception by DVB-T

- To reduce noise or disturbance install the Elipsus as far as possible from other electronic equipment.
- Connect the antenna cable with the antenna input (2).

2.2 Connecting to TV

- Connect the Scart cable with the Scart input of the TV set and also with the Scart output (5).

2.3 Connecting to AV Receiver

- If you use a Digital Audio (AC3) System you have to connect it with the SPDIF Digital Audio output (7) using a 75 Ohm coaxial cable.

2.4 Connecting to Power

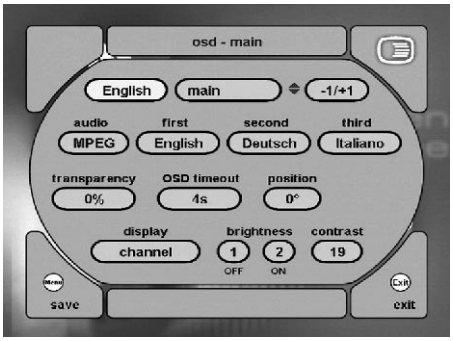
- Connect the Power Jack of external Power Supply (a) with the Power Jack of the Elipsus (1).
- Connect the AC Cord Plug (d) with the AC Cord Jack (b) and the Power Plug (c) with the socket.
- Insert the batteries properly in the Remote Control. Be sure the polarities are correct. See the illustration inside the battery compartment.

Now the Elipsus is in StandBy Mode. To set up the system you have to switch on the TV Set and also the Elipsus by pressing the StandBy button (1) of the Remote Control.

After starting the Elipsus the TV set should switch automatic to AV mode, if not please do it manual.

3.1 OSD Installation

After switching on the Elipsus with the StandBy button (1) of the Remote Control you should see on the TV set a welcome screen. Now you can start set up the installation.



As followed the OSD installation is shown.

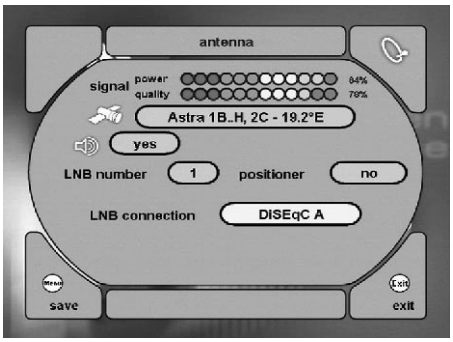
- To move between the different input windows press the Up and Down button (7).
- To change the settings of an input window press the Plus/Minus button (8).
- To enter a username in the input window you have to press the Numeric buttons (2) repeated till you receive the correct character.
- Values you can set up:
  - **Language:** Here you can select between 4 OSD languages: German, English, French or Italian.
  - **Username:** (see above)
  - **Remote Control:** Here you can adjust if by zapping with the Up and Down button (7) the current channel will be switched plus one or minus one. That means if you zapp up by pressing the Up button (7) that should be switched upwards (-1) or downwards (+1).
  - **Audio:** Here you can select between two formats: MPEG (as Standard) or AC3 (if you use a connection to a Digital AC3 AV Receiver).
  - **Audio Language:** Here you can select between three languages for channels which are broadcastet in multilanguage which is for example the european channel Arte.
  - **Transparency:** Here you can adjust the transparency of the OSD (On Screen Display).
  - **OSD Timeout:** Here you can adjust the lenght of the OSD should be shown on screen.
  - **Position:** Here you can adjust the position of the display. You can select between 0°, -90° and +90°, if you place the Elipsus on one of sites.
  - **HDD Sleep:** Here you can adjust after what time the Harddisk Drive should go in sleep mode when it is not used.
  - **Display:** Here you can adjust if the name of a channel or the title of a program should be shown on the display.
  - **Brightness:** Here you can adjust the brightness of display when the Elipsus is on as well as the Elipsus is in StandBy mode.
  - **Contrast:** Here you can adjust the contrast of the display.
- To save the adjustment of the OSD installation you have to press the Menu button (11).
- To leave the OSD installation set up you have to press the Exit button (9).

You can change at any time the set up of OSD installation using the path Main Menu / User / OSD.

3.2 Antenna only DVB-S

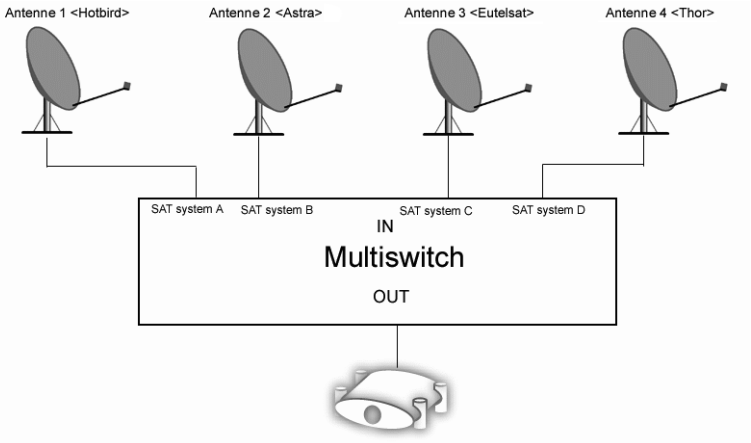
The Elipsus is programmed for Astra Satellite but you can set up the antenna installtion as well as the channel search for other satellites.

- To move between the input windows press the Up and Down button (7).
- To change the settings of an input window press the Plus/Minus button (8).
- If you use only one LNB you have to select at the option LNB Connection: Direct.



Otherwise if you use several LNB or several Antenna connected to a Multiswitch you have to assign to each seperate LNB or Antenna an own DiSEqC connection.

The following illustration shows you an example:



For the correct set up of the above illustration you have to adjust the following parameter.

- Select the satellite you want to receive.
- Select the LNB Number for example: Antenna 1 correspond to LNB Number 1, Antenna 2 correspond to LNB Number 2 .....
- Select the DiSEqC for example DiSEqC A correspond to Sat System A, DiSEqC correspond to Sat System B .....
- Press the Menu button (11) to save the parameter.

Example: Hotbird - LNB number 2 - LNB connection DiSEqC B and Astra - LNB number 1 - LNB connection DiSEqC A. After correct set up you will see after some seconds the signal quality shown at the OSD.

3.3 Channel search DVB-S

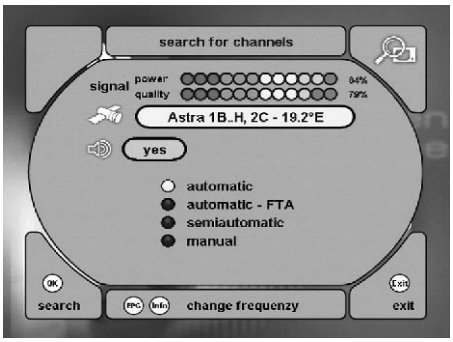
In the following the channel search is described:

After correct set up of the antenna on the screen of your TV set the next installation Menu „channel search“ is shown.

- With the Plus/Minus button (8) you can change the satellite. Here you have to select the satellite you have set up in the antenna installation Menu.

In this Menu the signal strength and quality is indicated. Also it is indicated with an acoustic sound. If the strength and quality increase the acoustic sound get higher. For acceptable receiption the indication should reach the green coloured area.

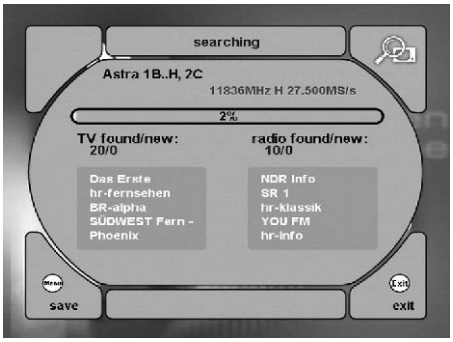
There are four options for the channel search:



- **Automatic:** All on the satellite available channels are searched.
- **Automatic FTA**: All on the satellite available Free TV channels are searched.
- **Semi Automatic:** Searching for particular channels of a transponder.

  The following parameter must be adjusted:
  - › Frequency: Set up the transponder
  - › Polarisation: H (horizontal); V (vertical)
  - › SR: Symbol Rate
- **Manual:** Searching for a particular channel.

  The following parameter must be adjusted:
  - › Frequency: Set up the transponder
  - › Polarisation: H (horizontal); V (vertical)
  - › SR: Symbol Rate
  - › Name (of the particular Channel)
  - › Video PID
  - › Audio PID
  - › PCR PID



After finished search you have to save the found channels by pressing the Menu button (11).

Channel search on an other satellite

- To search channels on an other satellite you have to repeat the above set up. But before you have to install the new satellite in the antenna installation.
- Go to Main Menu / Configuration / Installation / Antenna and repeat the set up instruction in paragraph 3.2 described.
- Go to Main Menu / Configuration / Channel search.
- Now you can search for channels on an other satellite using the instruction above.

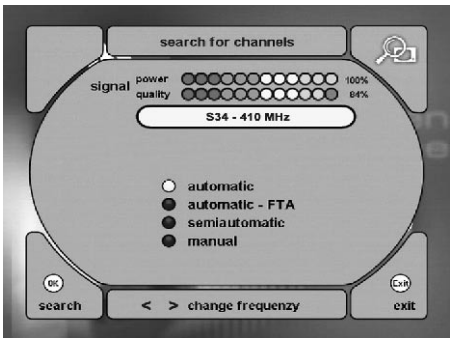
3.4 Channel search DVB-C

In the following the channel search is described:

After correct set up of the OSD installation on the screen of your TV set the next Installion Menu „channel search“ is shown.

In this Menu the signal strength and quality is indicated. Inside the yellow frame a frequency is shown to which the signal strength and quality belongs. To proof the available signal quality and signal strength you have to change the frequnecy by pressing the Plus/Minus (8) button.

There are four options for the channel search:

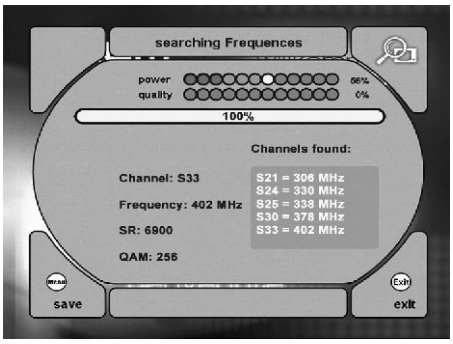


- **Automatic:** All in the cable network available frequencies are searched for and listed using the following standard parameters.
  - › Symbol Data Rate: 6.875 and 6.900
  - › Modulation: QAM 16 and 256

  After this a channel search on the found frequencies will be done.

- **Automatic FTA**: All in the cable network available frequencies are searched for and listed using the following standard parameters.
  - › Symbol Data Rate: 6.875 and 6.900
  - › Modulation: QAM 16 and 256

  After this a channel search limited to free channels on the found frequencies will be done.



- **Semi Automatic:** Searching for particular non standard frequencies.

  The following parameter must be adjusted:
  - › SR: Symbol Data Rate
  - › Modulation: QAM 16 - 256

- **Manual:** Searching for particular channels.

  The following parameter must be adjusted:
  - › Frequency: Set up the frequency
  - › SR: Symbol Data Rate
  - › Modulation: QAM 16 - 256

After finished search you have to save the found channels by pressing the Menu button (11).

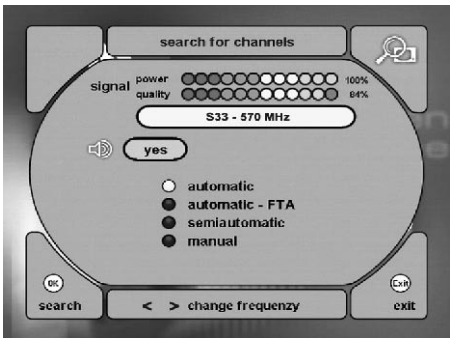
3.5 Channel search DVB-T

In the following the channel search is described:

After correct set up of the OSD installation on the screen of your TV set the next installation Menu „channel search“ is shown.

In this Menu the signal strength and quality is indicated. Inside the yellow frame a frequency is shown to which the signal strength and quality belongs. To proof the available signal quality and signal strength you have to change the frequnecy by pressing the Plus/Minus (8) button.

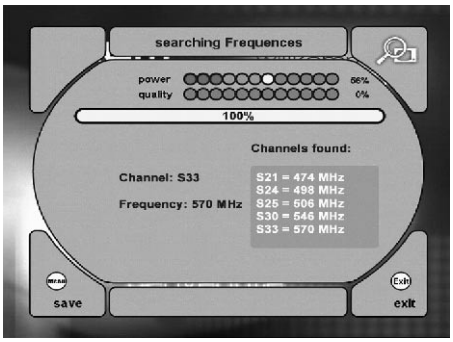
There are four options for the channel search:



- **Automatic:** All available frequencies are searched for and listed using the following standard parameters.
  - › Modulation: COFDM QAM 16 and 64

  After this a channel search on the found frequencies will be done.
- **Automatic FTA**: All available frequencies are searched for and listed using the following standard parameters.
  - › Modulation: COFDM QAM 16 and 64

  After this a channel search limited to free channels on the found frequencies will be done.



- **Semi Automatic:** Searching for all channels of a particular frequencies.

  The following parameter must be adjusted:
  - › Frequency: Set up the channel
- **Manual:** Searching for a particular channel.

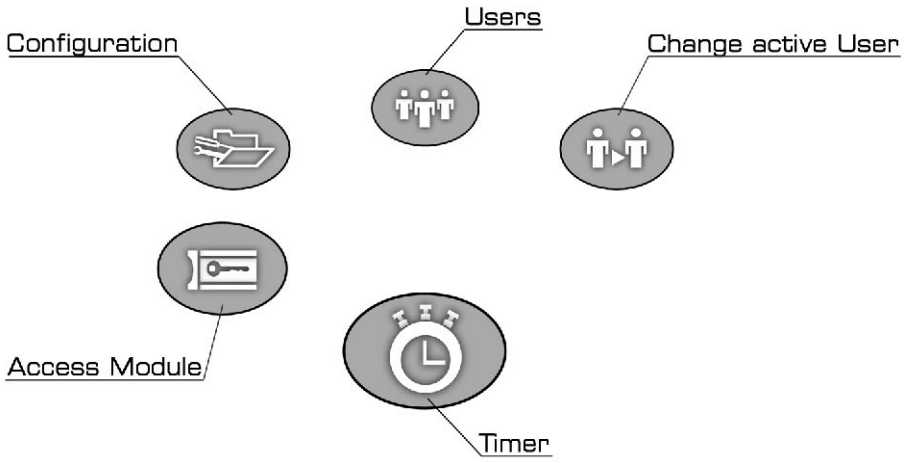
  The following parameter must be adjusted:
  - › Frequency: Set up the channel
  - › Modulation: COFDM QAM 16 or 64
  - › Name (of the particular channel)
  - › Video PID
  - › Audio PID
  - › PCR PID

After finished search you have to save the found channels by pressing the Menu button (11).

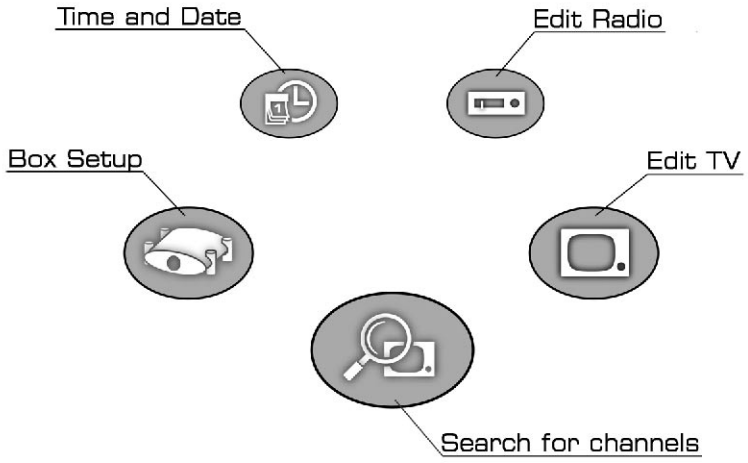
4.1 Configuration

To open the Main Menu you have to press the Menu button (11). In the Main Menu the following options are available.

- To select an option you have to press the Up and Down button (7) or the Plus/Minus button (8).
- To confirm the option you have to press the OK button (10).



After selecting the option Configuration the following options are shown.



4.1.1 Edit TV channels

Option: Main Menu / Configuration / TV edit.

At this Menu there are three options:

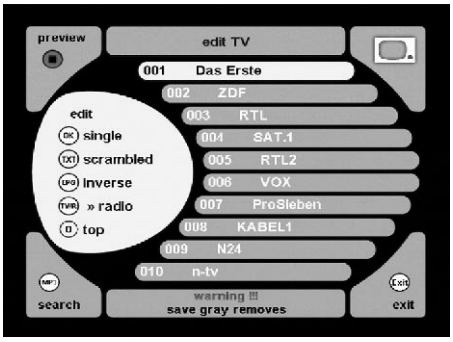
- Edit TV channels
- Sort by providers
- Edit TV volume

To select one of the above options you have to move with the Up and Down button (7) and confirm with the OK button (10).

Edit TV Channels

- **Delete selected channels:**

To select the channels you want to delete move with the Up and Down button (7) and mark each channel by pressing the OK button (10). The selected Channels are shown grey coloured. To save this set up you have to press the Exit button (9) and confirm with Menu button (11).



- **Delete Pay-TV channels:**

To select all Pay-TV channels you have to press the TXT button (23). Now all Pay-TV channels are marked automatic. To save this set up you have to press the Exit button (9) and confirm with Menu button (11).

- **Delete all channels:**

To delete all channels you have to mark them pressing the EPG button (24) or the Info button (22). Also you can remark all channels using these buttons. To save this set up you have to press the Exit button (9) and confirm with Menu button (11).

- **Move channels in the Radio Channel list:**

The Elipsus searchs for channels and stores them in two lists: TV Channel list and Radio Channel list. Some Radio channels are broadcastet with wrong information from provider so that they are stored in the TV Channel list.

With the Radio/TV button (3) you can move these Radio channels to the Radio Channel list.

› Select the wrong sorted Radio channel using the Up and Down button (7).

› To mark these channels press the Radio/TV button (3), now these channels are green coloured. To save this set up you have to press the Exit button (9) and confirm with Menu button (11).

4.1.1 Edit TV channels

- **Sort TV channels in the Channel list:**

  Select with the Up and Down button (7) the channel you want to move to an other channel place. Press the Numeric button (2) and a small Input window opens in which you can type the channel number to which you want to move the channel. To move the channel you have to confirm with the OK button (10). Repeat to sort your Channel list. With the zero button of Numeric buttons(2) it moves to the first place.

  Searching for Channels in the Channel list:

  › Press the MP3 button (14) and a small Input window opens in which you can type with the Numeric buttons (2) the characters of the channel you want to search.

  › Confirm with the OK button (10).

  › Now all channels with these characters are listed and you can place them to an other channel place like described above.

  › To leave the search mode you have to press again the MP3 button (14).

Sort by provider

Each provider offers a package of digital channels. So it is also possible to sort the Channel list by provider.

There are following options:

- Sort provider:

  Select with the Up and Down button (7) the provider you want to move. Press the Numeric button (2) and type the place you want to move these provider. With the zero button it moves to the first place.

- Delete provider:

  Select with the Up and Down button (7) the provider you want to delete and mark them pressing the OK button (10). To save this set up you have to press the Exit button and confirm with Menu button. Please mention that also all channels of these provider will be deleted.

Edit TV volume

This unit enables you to adjust the volume for each channel seperate and durable, because these settings are stored in memory.

Select with the Up and Down button (7) the channel you want to adjust the volume. You can also use the search function by pressing the MP3 button (14). All small input window opens in which you can enter with the Numeric button (2) the name of channel you search.

With pressing the EPG button (24) or the Info button (22) you can adjust the volume of this channel durable.

To save this set up you have to press the Exit button and confirm with Menu button (11).

4.1.2 Edit Radio channels

Option: Main Menu / Configuration / Radio edit.

At this Menu there are three options:

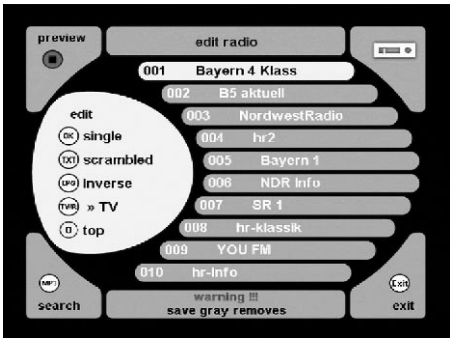
- Edit Radio channels
- Sort by providers
- Edit Radio volume

To select one of the above options you have to move with the Up and Down button (7) and confirm with the OK button (10).

Edit Radio channels

- **Delete selected channels:**

To select the channels you want to delete move with the Up and Down button (7) and mark each channel by pressing the OK button (10). The selected channels are shown grey coloured. To save this set up you have to press the Exit button (9) and confirm with Menu button (11).



- **Delete Pay-Radio channels:**

To select all Pay-Radio channels you have to press the TXT button (23). Now all Pay-Radio channels are marked automatic. To save this set up you have to press the Exit button (9) and confirm with Menu button (11).

- **Delete all channels:**

To delete all channels you have to mark them pressing the EPG button (24) or the Info button (22). Also you can remark all channels using these buttons. To save this set up you have to press the Exit button (9) and confirm with Menu button (11).

- **Move channels in the TV Channel list:**

The Elipsus searchs for channels and stores them in two lists: TV Channel list and Radio Channel list. Some TV channels are broadcastet with wrong information from provider so that they are stored in the Radio Channel list.

With the Radio/TV button (3) you can move these TV channels to the TV Channel list.

› Select the wrong sorted TV channel using the Up and Down button (7).

› To mark these channels press the Radio/TV button (3), now these channels are green coloured. To save this set up you have to press the Exit button (9) and confirm with Menu button (11).

4.1.2 Edit Radio channels

- **Sort Radio channels in the Channel list:**

  Select with the Up and Down button (7) the channel you want to move to an other channel place. Press the Numeric button (2) and a small input window opens in which you can type the channel number to which you want to move the channel. To move the channel you have to confirm with the OK button (10). Repeat to sort your Channel list. With the zero button of Numeric button (2) it moves to the first place.

  Searching for channels in the Channel list:

  › Press the MP3 button (14) and a small input window opens in which you can type with the Numeric button (2) the characters of the channel you want to search.

  › Confirm with the OK button (10).

  › Now all channels with these characters are listed and you can place them to an other channel place like described above.

  › To leave the search mode you have to press again the MP3 button (14).

Sort by provider

Each provider offers a package of digital channels. So it is also possible to sort the channel list by provider.

There are following options:

- Sort provider:

  Select with the Up and Down button (7) the provider you want to move. Press the Numeric button (2) and type the place you want to move these provider. With the zero button it moves to the first place.

- Delete provider:

  Select with the Up and Down button (7) the provider you want to delete and mark them pressing the OK button (10). To save this set up you have to press the Exit button and confirm with Menu button. Please mention that also all channels of these provider will be deleted.

Edit Radio volume

This unit enables you to adjust the volume for each channel seperate and durable, because these settings are stored in memory.

Select with the Up and Down button (7) the channel you want to adjust the volume. You can also use the search function by pressing the MP3 button (14). All small input window opens in which you can type with the Numeric button (2) the name of channel you search.

With pressing the EPG button (24) or the Info button (22) you can adjust the volume of this channel durable.

To save this set up you have to press the Exit button (9) and confirm with Menu button (11).

4.1.3 Channel search

Option: Main Menu / Configuration / Channel search.

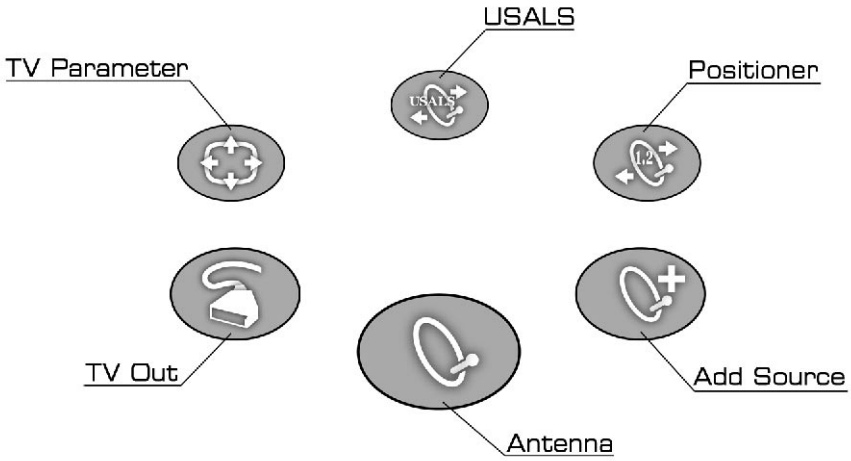
These function is described in Section 3.3.

4.2 installation

Option: Main Menu / Configuration / Installation.

In this Menu you can set up the following options:

Antenna, add Source, Positioner, Positioner USALS, TV Parameter, TV Out.



4.2.1 Antenna only DVB-S

The Installation of antenna is described in Section 3.2.

4.2.2 Add Source

Option: Main Menu / Configuration / Installation / add Source.

Here you can add manual new satellites which are currently not integrated in the Elipsus firmware.

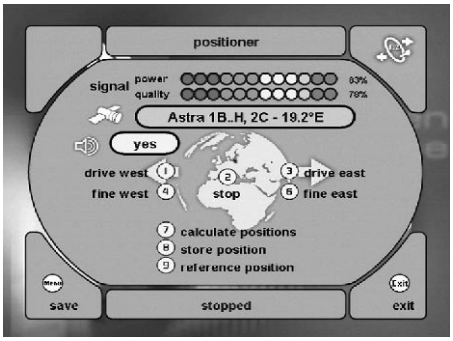
- Enter the name and the position of the satellite you want to add by pressing the Numeric button (2) of Remote Control.
- Select the position of the new satellite using the Plus/Minus button (8) for the West (W) and the East (E) postition.
- To move between the input windows press the Up and Down button (7).
- To save the settings press the OK button (10).
- The parameter of the new satellite are saved now and you can start with the installation of the antenna which is described in Section 3.2 and with the channel search like described in Section 3.3.1.

4.2.3 Positioner 1.2

Option: Main Menu / Configuration / Installation / Positioner.

Here you can set up your positioner.

Before set up you have to check if the positioner is activated in the antenna installation.

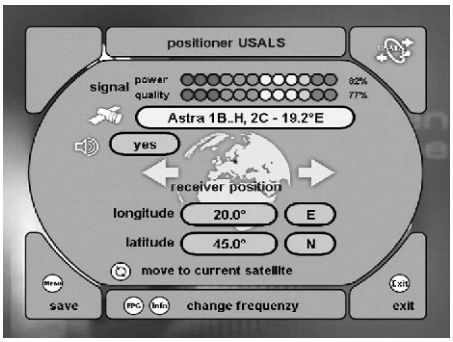


- Select the satellite you want to receive using the Plus/Minus button (8).
- With the Numeric button 1 and 3 you can move the postioner to West and to East. An acoustic sound and the signal indicated helps you to find the correct position.
- When the signal is correct indicated you have to stop the positioner by pressing the Numeric button 2.
- With the Numeric button 4 and 6 you can addtional start the fine tuning.
- The correct position of the satellite you can save by pressing the Numeric button 8.
- To calculate the position of an other satellite based on the current position you have to press the Numeric button 7.
- To move the positioner to the zeropoint as reference position you have to press the Numeric button 9.
- To save the set up you have to press the Menu button (11).

4.2.4 Positioner USALS

Option: Main Menu / Configuration / Installation / Positioner USALS

To use these option you must have a positioner using the USALS standard.



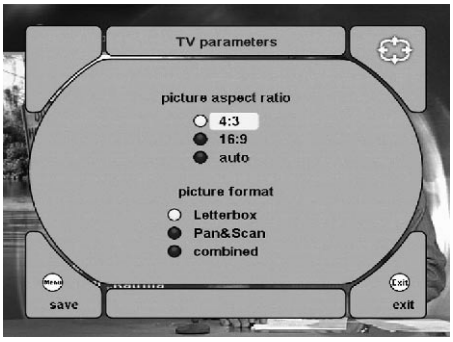
- The satellite dish and the positioner must be aligned at 0°.
- Select the satellite which position you want to calculate.
- To move between the input windows use the Up and Down button (7).
- You have to enter in the input windows your position with correct longtitude and latitude.
- The longtitude and latitude you can change as follow:
  - › Plus/Minus button (7) to move 0,1° -0,1°.
  - › MP3 button (14) and Radio/TV button (3) to move 1,0° or -1,0°.
- Now you can move to selected satellite using the RCL button (5). After a few seconds signal strength and quality is indicated.
- To change the frequency of the satellite you have to press the EPG button (24) or Info button (22).
- To save the set up you have to press the Menu button (11).
- To leave this option you have to press the Exit button (9).

4.3 TV Parameter

Option: Main Menu / Configuration / Installation / TV Parameter

Here you can set up the TV parameter.

Picture Aspect Ratio



Following options are available:

- Standard Format (4:3)
- Wide Screen Format (16:9)
- Auto

Here you can set up the video format and also correct the format depending on the TV set you are using. If your TV set is equipped with an automatic video format it is recommendable to select Auto. If you use a 4:3 standard TV set you have to select standard format and if you use a Wide Screen TV set you have to select Wide Screen format.

Next you have to proof in which video format the programm is broadcasted by the provider. Normally it is the standard Format 4:3. If a programm is broadcasted in Wide Screen format 16:9 it is characterized.

If you select the automatic video format function at your TV set normally it uses the correct video format configuration.

Picture format

If it is not possible to set up the correct video format because of your TV set doesn´t support the correct format or an other video format is broadcasted for example the Cinema format (20:8,5) it is possible to adjust the format to your TV set.

Following Options are available:

- Option Letterbox

  With this option the original video format including the black random to fill out the TV screen is used.

- Option Pan & Scan

  With this option the original video format is enlarged to fill out the TV screen without any black random.

- Option Combined

  This option is a combination of the options Letterbox and Pan & Scan. The orignal video format is partial enlarged but also small black randoms are used.

  To save the set up you have to press the Menu button (11).

4.4 TV Out

Option: Main Menu / Configuration / Installation / TV Out.

Here you can set up the Euroscart configuration.

The unit supports two standard formats: CVBS + RGB and YC.

CVBS + RGB format is used for standard TV sets with an Euroscart and RGB input.

YC format is used for TV sets which are equipped with a S-VIDEO input.

- To move between the input windows you have to press the Up and Down button (7).
- To change the value of the input window you have to press the Plus/Minus button (8).

In the line Standby you can set up the Scart configuration of the unit when it is in StandBy mode. In the standard configuration for StandBy both Scart connectors are inactive.

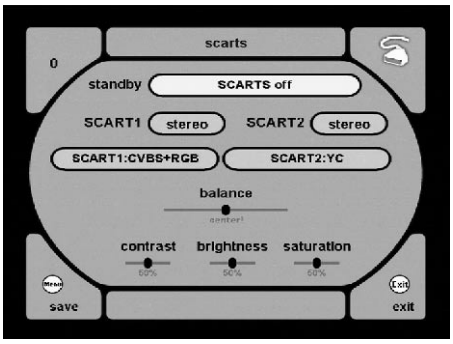
Following options are available:

- Scart 2 » 1 loop through

  With this option in StandBy mode of the unit an external signal for ecample of a VCR is looped through from Scart 2 to Scart 1 to be visible at the TV screen (if the TV Set is connected to Scart 1.

- Scart 2 « 1 loop through

  Use this option to loop through an external signal if the TV set is connected to Scart 2.



In the line operation you can set up the Scart configuration of the Elipsus when it is in operation.

Following options are available:

- Scart 1: CVBS + RGB - Scart 2: YC
- Scart 1: YC - Scart 2: CVBS + RGB

Additonal you can adjust the following Audio and Video settings:

- Audio Scart 1: Stereo or Mono
- Audio Scart 2: Stereo or Mono
- Balance: Audio balance between the right and the left stereo speaker
- Contrast: Contrast adjustment
- Brightness: Brightness adjustment
- Saturation: Saturation adjustment

To save the set up you have to press the Menu button (11).

4.5 Time and Date

Option: Main Menu / Configuration / Time and Date.

Here you can adjust manual the Time and Date of the Elipsus also the Time Zone.

To adjust Time and Date follow this instruction:

- To move between the input windows you have to press the Up and Down button (7).
- To change a value in the input window you have to press the Numeric button (2) repeated till you receive the correct character.
- Important is the correct installation of the Time Zone. In the middle line the GMT (Greenwich Mean Time) is shown. Depending on the Time Zone the Elipsus is located you have to select the correct Time Zone.

  For Germany (Middle Europe):

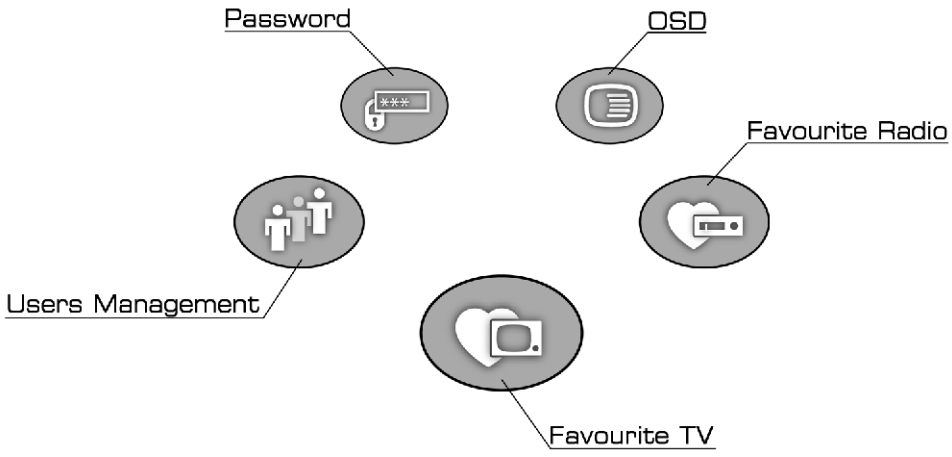
  › In the summer time you have to enter the value 2. That means that to the current GMT Time 2 hours are added.

  › In the winter time you have to enter the value 1. That means that to the current GMT Time 1 hour is added.
- To save the set up you have to confirm with the OK button (10).
- To leave this option without any changes you have to press the Exit button (9).

4.6 Users

Option: Main Menu / Users.

After selecting this option in Main Menu the follwowing options are shown:



4.6.1 Favourite TV

Option: Main Menu / Users / Favourite TV.

Here you can create your own Channel list including only your favourite TV channels.

The function of the option TV favourite is similar to the function of the option edit TV channels (described in Section 4.1.1). Only the function Sort by Provider is not available.

This option enables to create for each user a own favourite TV Channel list to get a faster and sorted access to the TV channels.

4.6.2 Favourite Radio

Option: Main Menu / Users / Favourite Radio.

Here you can create your own Channel list including only your favourite Radio channels.

The function of the option Radio favourite is similar to the function of the option edit Radio channels (described in Section 4.1.2). Only the function sort by provider is not available.
This option enables to create for each User a own favourite Radio Channel list to get a faster and sorted access to the Radio channels.

4.6.3 OSD

Option: Main Menu / Users / OSD.

The set up of the OSD Installation is described in Section 3.1.

4.6.4 Password

Option: Main Menu / Users / Password.

Here you can activate or deactivate proctection for each user account using a password.

To protect an user account follow this instruction:

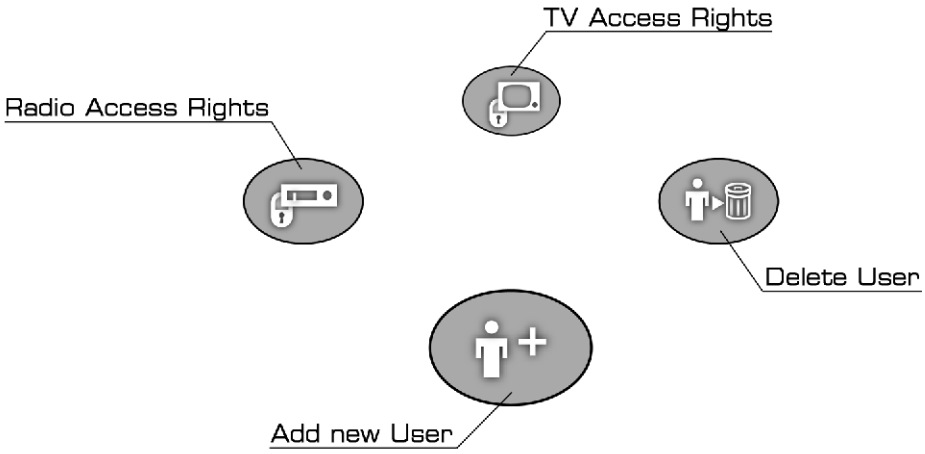
- To enter a value in the input window you have to press the Numeric button (2) repeated till you receive the correct character.
- To save the set up you have to press the OK Button (10).
- To leave the option you have to press the Exit button (9).

If a a user account including the channels acces rights is protected by password this is also a kind of Parental Control.

4.6.5 Users Management

Option: Main Menu / Users / Users Management

After selecting this Option of the Menu Users Management the following options are available.



4.6.6 Add new User

Option: Main Menu / Users / Users Management / Add new User.

Here you can add new users.

To add a new user account follow this instruction:

- To enter a name in the input window you have to press the Numeric button (2) repeated till you receive the correct character.
- Activate the new user account by pressing the OK button (10).

4.6.7 Delete User

Option: Main Menu / Users / Users Management / Delete User.

Here you can delete an user account or the password of an user account.

To Delete an acitive user account or a password follow this instruction:

- Select the user by pressing the Up and Down button (7).
- To delete this user you have to press the OK button (10).
- To delete only his password you have to press the MP3 button (14).
- To save and leave this set up you have to press the Exit button (9).

4.6.8 TV Access rights

Option: Main Menu / Users / Users Management / TV Access rights.

This option you can use to denied access to special TV channels for user. This enables parental control.

To denied access for an user to some special TV channels follow this instruction:

- In the yellow coloured part you can see all installed users and the accompanying numbers.
- Select the channel you want to denied access for an user by pressing the Up and Down button (7). Following you have to enter the accompaniying number of the user you want to denied access to this channel and after a small blue button at the users name is shown.
- To save the set up you have to press the Menu Button (11).

4.6.9 Radio Access rights

Option: Main Menu / Users / Users Management / Radio Access rights.

This option you can use to denied access to special Radio channels for user. This function is similar to the function of the Option TV Access rights described in Section 4.6.8.

4.7 Change active User

Option: Main Menu / Change Active User.

If there are installed different user accounts you can change between the users by selecting this option. Select the user account you want to activate by pressing the Up and Down button (7) and confirm with OK button (10).

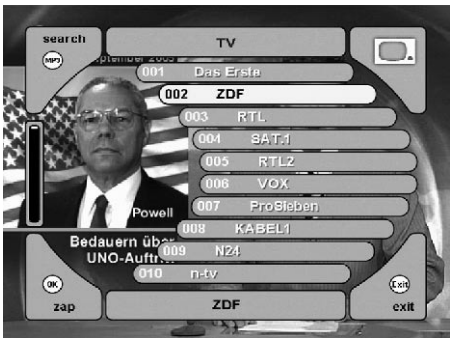
4.8 Access Module

Option: Main Menu / Access Module.

Here you can get access to Conditional Access Modules. Here you can set up the settings of these modules depending on the kind of Access Module.

5.1 Channel selection by Channel list

In this Section are described the different possibilities of channel selection.



- To open the Channel list you have to press the OK button (10).
- To select between the TV Channel list and the Radio Channel list you have to press the Radio/TV Button (3).
- To move inside the Channel list you have to press the Up and Down button (7). On the left random of the screen you can see a bar which shows you the current position inside the Channel list.
- To select a channel you have to press the OK button (10).
- To move with fast speed in the Channel list you have to press the DVR button (13) or the RCL button (5).
- To switch between channels without opening the Channel list you have to press the Up and Down button (7).

5.2 Channel selection by number

- To open the Channel list you have to press the OK button (10) following you can select a channel by using the Numeric button (2).
- With the enter of the first Numeric button a small input window opens where the number you entered is shown. After 2 seconds the last numeric button was pressed the Elipsus switches automatic to this channel. If you don´t want to wait you can also confirm your enter with the OK button (10) and the unit switches immediately.
- If you make a typing error inside the input window you have to press the Plus/Minus button (8) to delete the number and press the Numeric button again to get the correct number.

5.3 Channel selection by name

- To open the Channel list you have to press the OK Button (10).
- After you have to press the MP3 Button (14) and on the screen a small input window opens. To enter the name of channel you search you the press the Numeric button (2) repeated till you receive the correct character.
- If you make a typing error inside the input window you have to press the Plus/Minus button (8) to delete the character and press the Numeric button again repeated to get the correct character.
- For example if you search for the channel Pro7 you have to enter the character „pro“ and confirm by pressing the OK button (10).
- Now all available channels with this characters are listed in a seperately list and you can select the channel Pro7. After confirming by pressing the OK button (10) the Elipsus switches to the channel.

Additional function

6.1 Auto Zapping

This option enables you to get a quick overview of the current programm at your complete Channel list. The Elipsus automatic switches each 3 seconds to the next channel of the Channel list

- To start the Auto Zapping Up function you have to hold the MP3 Button (14) pressed for 2 seconds.
- To start the Auto Zapping Down function you have to hold the Radio/TV button (3) pressed for 2 seconds.
- To stop the Auto Zapping function you have to press the Exit button (9).

6.2 Zoom function

This option enables you to see your „great stars“. Use this function to enlarge or to reduce the size of the video.

- To activate the Zoom function you have to press the Zoom button (29).
- To enlarge the video you have to press repeated the Numeric button 1.
- To reduce the video you have to press repeated the Numeric button 3.
- To get the original size you have to press the OK button (10).
- To leave the Zoom function you have to press the Exit button (9).

You can also the stretch the video horizontal or vertical.

- To stretch the video you have to press the Numeric button 7 and a small blue arrow symbol is shown on the screen. To stretch horizontal and vertical you have to press the Numeric button 1 and 3.

To move the enlarged, the reduced or stretched video horizontal or vertical you have to press the Numeric button 2, 4, 6 or 8.

- To move up press Numeric button 2
- To move left press Numeric button 4
- To move right press Numeric button 6
- To move down press Numeric button 8

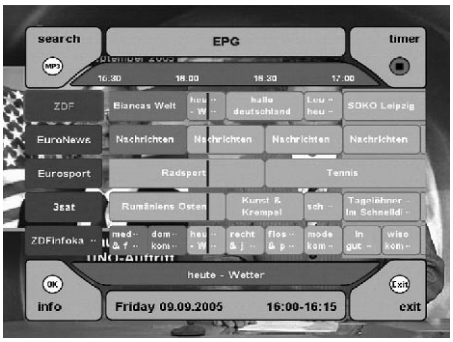
You can also use the Zoom function in the DVR Digital Video Recorder mode (play records).

- To enlarge the video you have to press repeated the Numeric button 1.
- To reduce the video you have to press repeated the Numeric button 3.
- To get the original size you have to press the OK button (10).

To create a still picture you have to press the Numeric button 0, to delete the still picture and continue with live TV you have to press the Numeric button 0 again.

6.3 EPG

To start the Eletronic Programm Guide EPG you have to press the EPG button (24). After a few seconds you get accompanying to the available channels of the current transponder a programme overview up to one week.



- To move inside the EPG overview you have to press the Plus/Minus button (8) and the Up and Down button (7).
- If you want to see a detailed description of the a programme you have to select and press the Info button (22), if you want to get back to EPG overview without switching to the selected Channel you have to press the Exit button (9).

  A short description of the programme is shown (depending on the informantion brodacastet by the provider).

  To switch to the selected channel you have to press the OK button (10).

search
EPG
timer
Der in Düsseldorf geborene Tenor Peter Seiffert erhielt seine Gesangsausbildung an der Musikhochschule seiner Heimatstadt. Seine Bühnenlaufbahn begann 1979 an der Deutschen Oper am Rhein. 1982 debütierte er an derKration. Er ist zudem ein gefragter Konzertsänger.
back
Kunst & Krempel
back
Friday 09.09.2005
16:15-16:45
exit

- To program the Timer using the EPG information you have to select the programme you want to record and press the Record button (21) and to confirm with by pressing the Ok button (10).

  The programme is automatic programmed in the Timer. The Elipsus starts recording using the EPG information (only DVR Models).

- The EPG is also equipped with a search function. You can use this function to search for specific programme using keywords. By pressing the MP3 Button (14) you get a topic overview of the available programme for example: Shows, Comedy, Thriller or Sports (if this information is broadcasted by the provider).

  To start the search function you have to press the TXT button (23) and enter with the Numeric buttons (2) the category you search.

  To get an overview of the programme depending to the searched category you have to press the MP3 Button (14).

- To leave the EPG you have to press the Exit button (9).

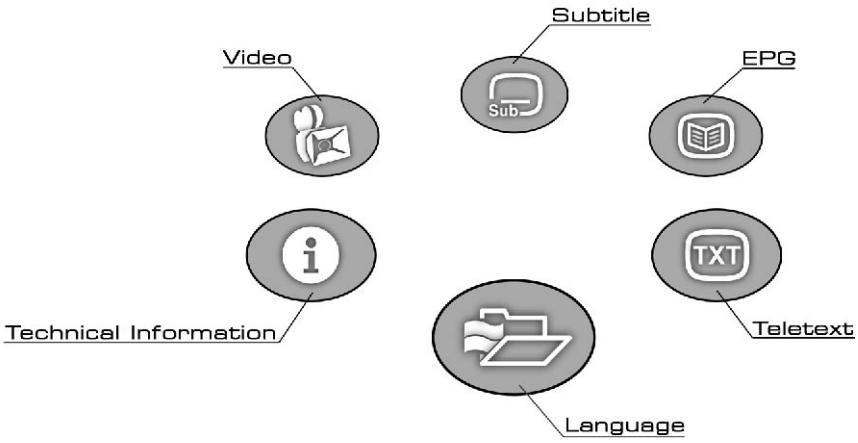
6.4 Info Button

On your Remote Control you can find an Info button (22). By pressing this button you get access to detailed information regarding the current programme and technical information like Video Data Rate and Audio Data Rate.

To get access to further information like Multifeed or Multilanguage option or Subtitling you have press the Info button (22) again.

6.4 Info Button

By pressing the Info button (22) the following options are available depending on information broadcastet by the provider.



Here you can select the following options.

- Language: Here you use the Multilanguage option if available.
- Teletext: Here you can use the Teletext function.
- EPG: Here you get EPG information to the current channel.
- Subtitle: Here you can use the Subtitle function if available.
- Video: Here you can use the Multifeed option if available.
- Technical Information: Here you can find detailied technical information regarding the Elipsus and the current channel like Firmware version and frequency of the satellite.
- To leave the Info Menu you have to press the Exit button (9).

6.5 Technical Menu

- To get access to the Technical Menu follow this instruction:
  - › Switch on the Elipsus from StandBy pressing the StandBy button (1).
  - › Hold the TXT button (23) pressed till the Technical Menu OSD is shown on the screen.
- In the Technical Menu you can set up the following options:
  - › Reset Elipsus: Reset the Elipsus (to do after each Firmware update)
  - › HDD Format: Format the Harddisk Drive (only DVR Models)
  - › Test Signal: A test signal for adjustment of saturation, brightness ...
  - › Datenbase update: Import and Export of Channel list
  - › Remote Control: Change code to handle two Elipsus with one RC
  - › RS232: Activate the RS 232 Control option
- To use one of the above options you have to:
  - › Select the option by pressing the Up and Down button (7).
  - › Confirm by pressing the OK button (10).
  - › Confirm again by pressing the Numeric button 0.

A.1.1 Recording

All Elipsus DVR Models are equipped with a 120 GB Harddisk Drive as a Digital Video Recorder (DVR). These enables the recording of TV and Radio programme including Timeshift function.

To record a TV or Radio programme you have to press the Direct Record button (21). The recorded programme will also be playback direct using the Timeshift function. So you can pause the playback during the recoding and continue the playback at later time.

On the screen of the TV set the following symbols are shown:

- at the bottom left: Playback speed of the current record
- at the bottom left: 3 yellow bars showing the limited time to record
- at the bottom middle: Playback time of the current record
- at the bottom right: Recorded time of the current record

If you want to limlit the current record started by pressing the Direct Record button (21) you have to press this button repeated. After each press a recording time of 15 min. is added (15 min...30 min...). The limitation in minutes is shown yellow coloured instead of the 3 yellow bars.

To get detailed information regarding the current record or later the playback you have to press the OK button (10). Now you can see the recording time, the title of the record and other information.

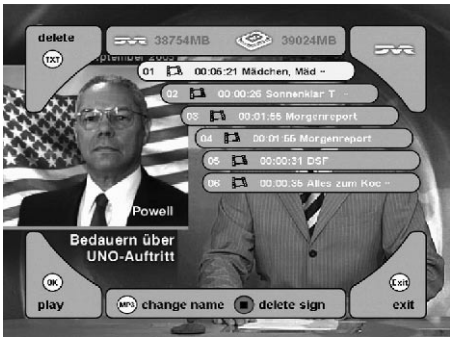
To get access to all recorded programmes you have to press the OK Button (10) again. Now all records are listed in a playlist, the current record is shown red coloured.

During a record you can also playback an other recorded programme at the same time. The current record is continued.

- Select with the Up and Down button (7) the record you want to playback and confirm the selection by pressing the OK button (10).
- To get back to the playlist you have to press the OK button (10) twice.
- To stop the current record you have to press the Exit button (9).

A.1.2 Playback of records

You can get at every time access to the records of the Elipsust. To playback a record follow this instruction:



- To open the playlist with all records you have to press the DVR button (13).
- Select the reocord you want to playback by pressing the Up and Down button (7) and confirm your selection by pressing the OK button (10). Now the selected record is playback. At the bottom of the screen you can see the playback speed and playback time.
- To get access to detailed information of the current playback you have to press the OK button (10).
- To get access to the playlist you have to press the OK Button (10) agian.
- To delete a record you have to select the record by pressing the Up and Down button (7). Confirm your select by pressing the TXT button (23). Now the record is deleted.
- To leave the playback function you have to press the Exit button (9).

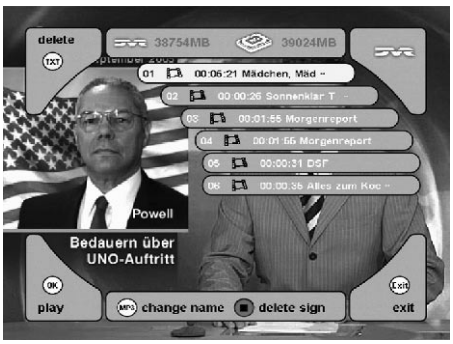
A.1.3 Different options

During the record of a programme or during the playback the following options are available:

- To generate a Still picture of the current record or playback you have to press the Pause Button (18).
- To stop the record or playback you have to press the Exit button (9).
- To get detailed information regarding the record or playback you have to press the OK button (10), to leave this option press the Exit button (9).
- You can reduce the playback speed by pressing the Fast Reverse button (16) repeated. The current playback speed is shown at the bottom left of the screen. If you get a value smaller than x1.0 the playback speed is reduced and smaller than x0.0 means fast reverse. The normal playback speed is x1.0.
- You can increase the playback speed by pressing the Fast Forward button (17) repeated. The current playback speed is shown at the bottom left of the screen. If you get a value higher than x1.0 the playback speed is increased. The normal playback speed is x1.0.
- To skip the current playback reverse by 1 minute you have to press the Skip Reverse button (19). To skip reverse repeated you have to hold the button pressed.
- To skip the current playback forward by 1 minute you have to press the Skip Forward button (20). To skip forward repeated you have to hold the button pressed.

A.1.4 Marking function

The Marking function enables you to mark parts of a record direct during the record or later after finishing the record. By playback these record the marked part is not shown, so it is possible to fade out commercial breaks or othe parts of the record.



- To use the Marking function during a current record you have to press the OK button (10), to get access to the detailed information.
- To use the Marking function at a recorded event you have to press the DVR button (13) to get access to the playlist.

  Select the record by pressing the Up and Down button (7) and start playback by pressing the OK button (10). After you have to press the OK button (10) again to get acces to the detailed information.

There are different options to set the marks:

- by pressing the Numeric button 1 you set the red coloured start mark of the part you want to fade out.
- by pressing the Numeric button 3 you set the blue coloured end mark of the part you want to fade out.
- by pressing the Numeric button 4 you can move to left mark.
- by pressing the Numeric button 6 you can move to right mark.
- by pressing the Numeric button 7 the current playback will start at the mark before.
- by pressing the Numeric button 9 the current playback will start at the mark after.

To edit the placed marks you have to:

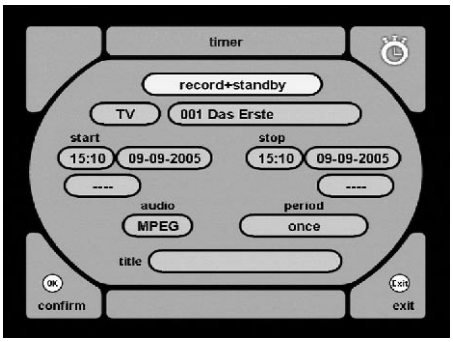
- by pressing the Numeric button 2 all marks are deleted.
- by pressing the Numeric button 5 all placed marks will invert. That mens that the start mark gets an end mark and the end mark gets a start mark,

A.1.5 Timer function

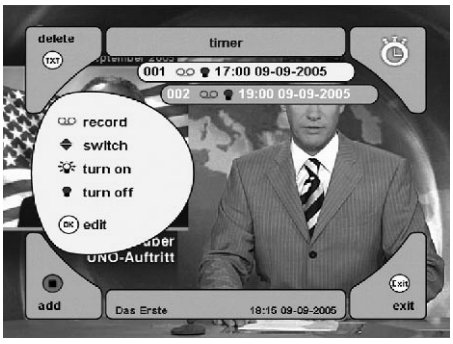
Option: Main Menu / Timer.

Here you can add Timer events that starts recording TV and Radio programms automatic.

To add Timer events follow this instruction:



- Press the Timer button (25)
- To move between the input windows you have to press the Up and Down button (7).
- To change the value inside the input windows you have to press the Plus/Minus button (8).
- Inside of the first input window you can set up the following options:
  - › Record+StandBy (the unit switch in StandBy mode after recording the event).
  - › Record (the unit don´t switch in StandBy mode afer recording the event).
  - › Switch (the Unit switch at the programmed time to the selected channel)
  - › Switch off (the Unit switch in StandBy mode at the programmed time).
  - › Switch on (the Unit switch on at the programmed time).
- Inside the other input windows you can set up the following options:
  - › TV or Radio Channel
  - › Channel you want to select
  - › Start time and Date
  - › Pretime in minutes
  - › End time and Date
  - › Extra time in minutes
  - › Audio Format MPEG or AC3
  - › Period (once, daily, weekly or monthly)
  - › Titel (here you can enter the title of a record if you don´t want to use the original broadcastet title).



- To save the Timer settings you have to press the OK button (10).
- Now all Timer events including symbols are listed in the Timer list. The symbols are explained inside the yellow bar on the left side of the screen.
- To edit a Timer event you have to select the Timer by pressing the Up and Down button (7) and to confirm with the OK button (10).
- To delete a Timer event you have to press the TXT button (23).

A.2.1 Transfer of MP3 files

Connect the external data carrier (MP3 Player USB Stick) to the USB Input Port of the Elipsus. Please mention that this function is only possible if the external data carrier is supported and compatible to the Unit.

To get access to the MP3 option you have to press the MP3 Button (14).

- On the screen of your TV set the MP3 Menu is shown.
- To get an explanation of the function you have to press the TXT Button (23).

There are shown 2 windows:

- Inside the right window all TV and Radio records are listed.
- If you are inside the left window you can copy the file list of the external data carrier by pressing the Numeric button 1.
- To move between the both windows you have to press the RCL button (5).

To transfer MP3 files to the HDD of the Elipsus follow this instruction:

- Select the external data carrier by pressing the Numeric button 1. Select the data carrier called „no name“.
- Select the files you want to transfer by pressing the Radio/TV Button (3). The selected files are shown green coloured.
- To start the transfer of the selected files you have to press the Numeric button 5.
- To delete MP3 files from the Units Harddisk Drive (HDD) you have to press the Numeric button 8.
- After finished transfer you can disconnect the external data carrier from the Unit.

A.2.2 Playback of MP3 files

The following options for playback the files are available:

- Direct: You can playback the files direct by selecting with the Up and Down button (7) and confirmation by pressing the OK button (10).
- Play list: You can transfer the files to a play list by selecting with the Up and Down button and confirmation by pressing the MP3 button (14).

Play list:

- To start the playback of the Play list you have to press the DVR button (13).
- To skip to the file before you have to press the EPG button (24).
- To skip to the next file you have to press the Info button (22).

Attention: After switching the Elipsus in StandBy mode the Play list is deleted.

A. Addenda DVR Models

A.3.1 Playback of JPEG files

Connect the external data carrier (MP3 Player USB Stick) to the USB Input Port of the Elipsus. Please mention that this function is only possible if the external data carrier is supported and compatible to the Unit.

To get access to the JPEG option you have to press the JPEG Button (14).

- On the screen of your TV set the JPEG Menu is shown.
- To get an explanation of the function you have to press the TXT Button (23).

There are shown 2 windows:

- Inside the right window all TV and Radio records are listed.
- If you are inside the left window you can copy the file list of the external data carrier by pressing the Numeric button 1.
- To move between the both windows you have to press the RCL button (5).

To transfer JPEG files to the HDD of the Elipsus follow this instruction:

- Select the external data carrier by pressing the Numeric button 1. Select the data carrier called „no name“.
- Select the files you want to transfer by pressing the Radio/TV Button (3). The selected files are shown green coloured.
- To start the transfer of the selected files you have to press the Numeric button 5.
- To delete JPEG files from the Units Harddisk Drive (HDD) you have to press the Numeric button 8.
- After finished transfer you can disconnect the external data carrier from the Unit.

A.3.2 Abspielen der JPEG Dateien

The following options for playback the files are available:

- Direct: You can playback the files direct by selecting with the Up and Down button (7) and confirmation by pressing the OK button (10).
- Play list: You can transfer the files to a play list by selecting with the Up and Down button and confirmation by pressing the JPEG button (14).

Play list:

- To start the playback of the Play list you have to press the DVR button (13).
- To skip to the file before you have to press the EPG button (24).
- To skip to the next file you have to press the Info button (22).

Attention: After switching the Elipsus in StandBy mode the Play list is deleted.

B.1.1 Connecting to Display

Because of the technical equipment the Elipsus YUV Models can be connected suitable to high quality displays like Plasma TV, LCD TFT or Beamer.

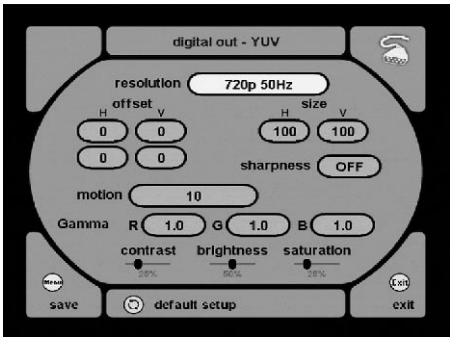
The YUV (Y/Pb/Pr) progessive connection enables a picture resolution of best quality and can be optimized to the connected display.

- Connect the YUV (4) output with YUV input of the displaying device using a high quality YUV cable.

B.1.2 Output parameters

Option: Main Menu / Configuration / Installation / Digital output.

Here you can set up the output of the YUV interface.



- Resolution: Here you can select between the following values;
  - 576p (720 x 576) 50 Hz
  - 720p (1280 x 720) 50 Hz
  - 720p (1280 x 720) 60 Hz
- Offset:
  - V (Vertical): Here you can move the picture vertical to the left or to the right side.
  - H (Horizontal): Here you can move the picture up or down.
- Size: Here you can enlarge the picture horizontal or vertical.
- Sharpness: Here you can adjust the sharpness of the picture.
- Motion: Here you adjust the motion of the picture. It could be helpful for video with very fast pictures to reduce picture noise.
- Gamma: Here you can adjust the additional colour settings.
  - R for red colour
  - G for green colour
  - B for blue colour
- Addtional you can set up the following options:
  - Contrast
  - Brightness
  - Saturation
- Standard configuration:

  To set all options to the standard configuration you have to pres the RCL button (5).

C. Addenda Elipsus DVI Models

C.1.1 Connecting to display

Because of the technical equipment the Elipsus DVI Models can be connected suitable to high quality displays like Plasma TV, LCD TFT or Beamer.

The DVI-I (24+5) digital progessive connection enables a picture resolution of best quality and can be optimized to the connected display.

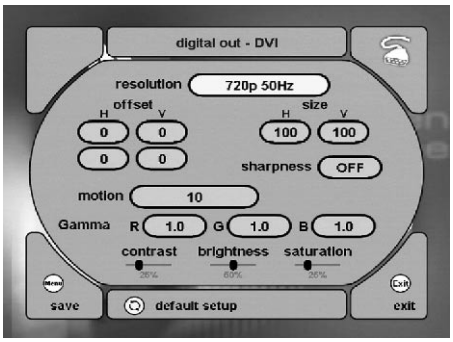
- Connect the DVI-I (4) output with DVI input of the displaying device using a high quality DVI cable.

C.1.2 Output parameters

Option: Main Menu / Configuration / Installation / Digital out.

Here you can set up the output of the DVI interface.

- Resolution: Here you can select between the following values:
  - 576p (720 x 576) bei 50 Hz
  - 720p (1280 x 720) bei 50 Hz
  - 720p (1280 x 720) bei 60 Hz
  - SVGA (800 x 600) bis 100 Hz
  - XGA (1024 x 768) bis 85 Hz
- Offset:
  - V (Vertical): Here you can move the picture vertical to the left or to the right side.
  - H (Horizontal): Here you can move the picture up or down.
- Size: Here you can enlarge the picture horizontal or vertical.
- Sharpness: Here you can adjust the sharpness of the picture.



- Motion: Here you adjust the motion of the picture. It could be helpful for video with very fast pictures to reduce picture noise.
- Gamma: Here you can adjust the additional colour settings.
  - R for red colour
  - G for green colour
  - B for blue colour
- Additional you can set up the following options:
  - Contrast
  - Brightness
  - Saturation
- Standard configuration:

  To set all options to the standard configuration you have to pres the RCL button (5).

D.1.1 Connecting to display

Because of the technical equipment the Elipsus SDI Models can be connected suitable to professional displays like Plasma TV, Beamer or Scaler.

The SDI (BNC) digital connection enables a picture resolution of best quality and can be optimized to the connected display.

- Connect the SDI (4) output with SDI input of the displaying device using a 75 Ohm Coaxial cable.

D.1.2 Output parameters

The output format is 576i (720 x 576) 50 Hz according the norms SMPTE 259M and ITU-R BT 656.

Attention !

Note:

Batteries should never be thrown away or incinerated but disposed of in accordance with your local regulations concerning chemical wastes.

Used up batteries do not belong in the dust bin.

You can dispose them at a collection point for used up batteries or special waste. Contact your council for details.

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